

Dr. Sumaya Ihsan Mnawer Abusaleh

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PROFILE

Uphold a key role as an Assistant Professor at a leading university in Jordan. Seeking to expand knowledge while successfully employing innovative solutions. Thrive under pressure in a challenging environment with a strong work ethic, excellent leadership, communication, and public speaking skills in Arabic and English, and extensive experience working with diverse communities. Exceptional experience and knowledge in software development. A strong background in offering courses related to advanced computer science and engineering.

RESEARCH INTERESTS

Computer Vision, Machine Learning, Deep Learning, and Internet of Things (IoT).

EDUCATION

Doctor of Philosophy in Computer Engineering \ Computer Vision and Artificial Intelligence University of Bridgeport, Bridgeport, CT, USA Dissertation Title: "A Novel Computer Vision-Based Framework for Supervised Classification of Energy Outbreak Phenomena." Advisors: Prof. Ausif Mahmood & Prof. Khaled Elleithy	2016
Master of Computer Science , Amman Arab University for Graduate Studies, Amman, Jordan	2007
Bachelor of Computer Science , Mutah University, Alkarak, Jordan	2003
Associate Degree in Programming , Al-Balqa Applied University, Ma'an, Jordan	2000

TECHNICAL SKILLS

Programming: Python, Visual C#, ASP.Net, Flutter, Java, C++, Visual Basic, C, PASCAL, Assembly.

Operating Systems: Kali Linux, Windows 10/11.

Software: Microsoft 365, Android Studio, Visual Studio Code, MATLAB, Statistical Package for the Social Sciences (SPSS), SQL Server, Oracle, Eclipse IDE for Java, Macromedia Director 8.5, Adobe Flash, Adobe Photoshop CS6, Sound Forge Pro.

Networking: Cisco CCNA.

Professional Certifications:

- 2025 Red Hat Academy - Program Educator | Red Hat, 2025
- Develop AI Solutions in Azure | Microsoft Learn Educator Center, 2025
- Empower your workforce with Microsoft 365 Copilot Use Cases | Microsoft Learn Educator Center, 2025
- Advanced Specialist Certificate in Cyber Security | University of Arizona, USA, 2023
- Penetration Testing Certificate | University of Arizona, USA, 2023
- Computer Security Certificate | University of Arizona, USA, 2021
- Network Security Certificate | University of Arizona, USA, 2020
- Image and Video Processing and Machine Learning with Python Certificate | ATIT Academy, Germany, 2021
- Deep Learning with Python Certificate | ATIT Academy, Germany, 2021
- Microsoft Innovative Educator (MIE) | Microsoft Learn Educator Center, 2020
- Keeping Students Engaged: Building Strong Student / Teacher Connections in a Remote Learning Environment | Microsoft Learn Educator Center, 2020

EXPERIENCE

Assistant Professor , Department of Computer Science Department of Software Engineering, School of Information Technology Al-Hussein Bin Talal University, Ma'an, Jordan	2018 – Present
• Proposed and designed a new course, "Cloud Computing" (0615431), for the Data Science and Artificial Intelligence program, integrating the AWS Certified Cloud Practitioner (CLF-C02) Certification curriculum.	February 2026

- Proposed and designed a new compulsory course for all academic programs at AHU, titled "Digital Skills (0614100), which incorporates the following Microsoft courses: Microsoft Azure Fundamentals (AZ-900), Introduction to AI in Azure (AI-900), Microsoft Azure Data Fundamentals (DP-900), and Microsoft Security, Compliance and Identity Fundamentals (SC-900). **September 2025**

Head of Software Engineering Department

October 2023 – March 2025

- Proposed and designed new courses for the Data Science and Artificial Intelligence program: Fundamentals of Data Science course (0615330), Data Engineering course (0615331), and Neural Networks and Deep Learning course (0615345) **2022**
- Proposed and designed a new course for the Computer Information Systems program: Fourth Generation Language course (Python Programming - 0613322) **2021**
- Conducted lectures in Software Design and Implementation (0614322), Distributed Systems (0612336), Multimedia Systems (0613434), Visual C# Programming (0612313), Special Topics in Computer Science (Computer Vision - 0612491), Internet Skills and Social Media (0612100), Digital Image Processing (0612443), Automata Theory (0612201), Compiler Design (0612412), Fourth Generation Language (Python Programming - 0613322), Fundamentals of Data Science course (0615330), Neural Networks and Deep Learning course (0615345), and Data Engineering course (0615331) **2018-2024**

Research Associate, School of Engineering

2017 – 2018

University of Bridgeport, Bridgeport, CT, USA

- Conducted research in deep learning, programming deep networks, convolutional neural networks, and recurrent neural networks, in addition to testing their performance on standard benchmarks. Fine-tune the deep architectures to obtain improved classification accuracy

Graduate Assistant, School of Engineering

2013 – 2017

University of Bridgeport, Bridgeport, CT, USA

- Successfully assisted Prof. Ausif Mahmood in Windows Programming (C#) and Image Processing courses
- Conducted class lectures, proctored exams, assisted in the preparation of course materials, and graded assignments, mid-term, and final exams
- Regularly maintained flexible office hours, facilitated one-on-one and group tutoring sessions, and provided advice and support for students to resolve class-related issues

Full-Time Lecturer, Department of Information Technology

2005 – 2009

Al-Balqa Applied University, Ma'an College, Ma'an, Jordan

- Conducted lectures in Computer Networks, Database Systems, Multimedia Systems using Macromedia Director 8.5, Information Retrieval Systems, System Analysis, Network Management, Visual Basic, and Software Engineering
- Developed a multimedia desktop application using Macromedia Director 8.5 software about the human body at Prince Ali Bin Al-Hussein Center for Deaf Users in Amman, Jordan
- Developed a multimedia desktop application using Macromedia Director 8.5 software for fourth-grade math students

System Administrator, Information Technology Center

2003 – 2005

Al-Balqa Applied University, Ma'an College, Ma'an, Jordan

- Provided software and hardware installations, system specifications, troubleshooting, maintenance, and resolved WLAN configuration problems
- Maintained college website and account management to ensure continuous updating and client satisfaction.
- Successfully provided training on computer programming to employees and students, while providing them with computer technical support on Windows 98, 2000, XP, and Vista.
- Assisted in the implementation of Oracle registration software and trained administrative staff

JOURNAL PUBLICATIONS

- T. Alrawashdeh, **S. Abusaleh**, M.Z. Alksasbeh, and K. Alemerien, “Life Balloon: A Paradigm Shift in Earthquake Safety - Intelligent IoT Detection and Protection System for Optimal Resilience,” *IAES International Journal of Artificial Intelligence (IJ-AI)*, vol. 15, no. 1, pp. 987– 997, 2026
- I.A. Alshalabi, T. Alrawashdeh, **S. Abusaleh**, et al., “Detection of COVID-19 using EfficientnetV2-XL and Radam Optimizer from Chest X-ray Images,” *Journal of Applied Data Sciences (JADS)*, vol. 6, no. 2, pp. 1143-1158, 2025.
- A. AbuKaraki, T. Alrawashdeh, **S. Abusaleh**, et al., “Pulmonary Edema and Pleural Effusion Detection Using EfficientNet-V1-B4 Architecture and AdamW Optimizer from Chest X-rays Images,” *Computers, Materials & Continua (CMC)*, vol. 80, no. 1, pp. 1055 – 1073, 2024.
- **S. Abusaleh**, A. Mahmood, and K. Elleithy, “The Art of Reading Explosion Phenomena: Science and Algorithms,” *IEEE Access Journal*, vol. 6, pp. 3280 – 3299, 2018
- **S. Abusaleh**, A. Mahmood, K. Elleithy, and S. Patel, “A Novel Vision-Based Classification System for Explosion Phenomena,” *MDPI Journal of Imaging*, vol. 3, no. 2, p. 14, 2017

CONFERENCE PUBLICATIONS

- **S. Abusaleh**, V. Pande, and K. Elleithy, “Optimized Algorithm for Face Detection Integrating Different Illuminating Conditions,” *The 2012 International Conference on Image Processing, Computer Vision, and Pattern Recognition (ICCV'12)*, Las Vegas, Nevada, USA, July 16-19, 2012
- **S. Abusaleh**, E. Abdelfattah, Z. Alabadi, and A. Sharieh, “The Effects of Educational Multimedia for Scientific Signs in The Holy Quran in Improving the Creative Thinking Skills for Deaf Children,” *Innovations in Computing Sciences and Software Engineering*, Springer, Dordrecht, pp. 403-408, 2010

COMMITTEES

• School of Information Technology, Al-Hussain Bin Talal University

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|--|--|
| ○ Chair, Committee for the Preparation and Design of the Qualification for the Cybersecurity and Cloud Computing Program, According to the National Qualifications Framework (NQF) | May, 2026 |
| ○ Member, Committee for the Preparation of Regulations for the Formation of the Advisory Board for the Programs of the Faculty of Information Technology | October 2025 |
| ○ Member, Committee for Ensuring the Qualification Level and Credit Hours According to the National Qualifications Framework (NQF) | December 2024 |
| ○ Chair, Committee for the Preparation and Design of the Qualification for the Software Engineering Program, According to the National Qualifications Framework (NQF) | December 2024 |
| ○ Member, Committee for the Preparation and Design of the Qualification for the Data Science and Artificial Intelligence Program, According to the National Qualifications Framework (NQF) | December 2024 |
| ○ Member, Scientific Research Committee for Sabbatical Leave Report Review | November 2024 |
| ○ Member, Students' Excuses Review Committee, to review students' excuses for incomplete exams | September 2024 |
| ○ Project Committee Chair | December 2018, May 2019, January 2024 |
| ○ Member, Scientific Research and Development Committee | November 2023 – Present |
| ○ Member, Students' Disciplinary Committee | November 2023 – March 2025 |
| ○ Member, Final Exam Mark Review Committee | December 2023 – March 2025 |
| ○ Member, School of Information Technology Council | November 2023 – March 2025 |
| ○ Technical Committee Member for Graduation Projects | May 2022 – Present |
| ○ Rapporteur, Social Committee | November 2022 – October 2023 |
| ○ Member, Website Committee | February 2020 – December 2021 |
| ○ Member, Scientific Committee for students' activities | February 2020 – January 2021 |
| ○ Member, Students' Disciplinary Committee | November 2018 – October 2019 |

- **Deanship of Student Affairs, Al-Hussain Bin Talal University**
 - Member, Investigation Committee for Housing and Residential Life Disciplines **November 2024**
 - Member, Students Disciplinary Committee **January 2020 – December 2021**
- **University-wide Committees**
 - Member, Al-Hussein Bin Talal University Council **January – October 2020, November 2024 – November 2025**

MEMBERSHIPS

- **Member, IEEE Young Professionals** **2014 – 2017**
- **Member, IEEE Communication Society (IEEE ComSoc)** **2013 – 2017**
- **Member, IEEE Women in Engineering Society (IEEE WIE)** **2013 – Present**
- **Member, Upsilon Pi Epsilon (UPE)** **2013 – Present**
- **Member, Association for Computing Machinery (ACM)** **2013 – 2017**
- **Member, National Society of Black Engineers (NSBE)** **2012 – 2015**

REVIEWING ACTIVITIES

- **Reviewer:** IEEE Transactions on Artificial Intelligence **July 2022 – Present**
- **Judging Panel Member:** 2019 Hult Prize, Deanship of Student Affairs, Al-Hussain Bin Talal University **December 2018**
- **Reviewer:** IEEE Access Journal, Impact factor: 3.6 **January 2018 – Present**
- **Technical Committee:** Student member of International Joint e-Conferences on Computer, International, and System Science, and Engineering (CISSE) **2010 – 2013**

HONORS | AWARDS | RECOGNITIONS

- Received a certificate of appreciation from the president of Al-Hussein Bin Talal University for conducting a training workshop for the academic staff titled "AI Roadmap: From Traditional AI to Generative AI and Prompt Engineering" **October 2025**
- Invited Speaker for the panel discussion "The Future of Artificial Intelligence and Its Applications in Jordan and the Arab World," organized by the Abdul Hameed Shoman Foundation in collaboration with the Deanship of Student Affairs at Al-Hussein Bin Talal University, addressing the five core thematic areas of AI foundations, sectoral impacts, ethical challenges, regional digital readiness, and national integration models. **July 2025**
- Received the Erasmus+ International Credit Mobility grant for teaching and training at the Sopot University of Applied Sciences, Poland, during the Third Edition of the International Staff Week (ISW'25) **May 2025**
- Received a certificate of appreciation from the Secretary General of the Ministry of Digital Economy and Entrepreneurship for Administrative and Financial Affairs, Her Excellency Samira Al-Zoubi, for the outstanding efforts made in implementing the Crown Prince Award for Best Government Services Application in its fourth edition and supervising the participants from AHU **March 2025**
- Received an Honor Shield for serving as a keynote speaker at the First International Educational Conference, "Education for the Future: Jordan 2030." The speech, titled "University Curricula and Future Digital Skills Aligned with Labor Market Demands: The Jordanian Youth, Technology, and Jobs Project," organized by Sibal for Studies and Consultations in collaboration with AHU **November 2024**
- Received a certificate of appreciation from the Crown Prince Foundation, Ma'an office, for the collaboration between the College of Information Technology at AHU and the Crown Prince Foundation, particularly in support of its youth initiatives and programs, as well as for the organization and execution of several training courses **August 2024**
- Selected by Roya TV (Amman, Jordan) as a featured subject-matter expert on the program "Donya Ya Donya" for a national broadcast segment titled "Technology in 2024: Artificial Intelligence Breaks Boundaries and Creates Revolutionary Innovations!" **December 2024**

- Received a certificate of recognition from the president of Al-Hussein Bin Talal University for organizing the Scientific Day activities of the College of Information Technology, as part of the university's celebrations marking the silver jubilee of its establishment **July 2024**
- Designated by the Ministry of Foreign Affairs and Expatriates of Jordan to represent Al-Hussein Bin Talal University for the virtual event entitled "Workshop on Computational Nuclear Science and Engineering," International Atomic Energy Agency (IAEA) **2021**
- Ph.D. Award: \$7,500 for each academic semester, School of Engineering, UB, USA **2013 – 2016**
- Woman of Innovation Competition: Nominated by Dr. Ausif Mahmood, Connecticut Technology Council **2015**
- Scholar Citizen Award – Annual Student Leadership Recognition Banquet, UB, USA **2013**
- International Honor Society Member for the Computing and Information Disciplines, Upsilon Pi Epsilon **2013**
- Graduate Poster Award – Honorable Mention, Faculty Research Day, UB, USA **2012**
- Travel Grant Award to attend IEEE WoWMoM2011 in Lucca, Italy **2011**
- Received a full scholarship for four years to pursue the Ph.D. degree at UB, Scholarship sponsor: Al-Hussein Bin Talal University, Ma'an, Jordan **2009**

ACADEMIC SUPERVISION

"Decision" Student Team | Al-Hussein Bin Talal University **May 13, 2026**

- Mentored a team of five students to 2nd place in the "I Participate" Hackathon organized by the Independent Election Commission for the Southern Region of Jordan, successfully qualifying for the national finals. Throughout the project, guided the team in designing a legal-tech website that integrated AI and data analysis to automate legal tasks, ensure legislative compliance, and enhance the integrity of electoral processes.

Undergraduate Project Advisor | Al-Hussein Bin Talal University

- Served as the primary academic advisor for the following student graduation projects (teams of five students each):
 - Bio Code: An Intelligent Healthcare Management Platform **2026**
 - Wasteless Eats AI: An AI-Powered Food Waste Prediction and Management System for Jordan **2026**
 - Rentify: Jordan's First Smart Website for Property Rentals **2026**
 - HMS: An IoT-Based Hydroponic Management System **2020**

CONFERENCES | WORKSHOPS | WEBINARS

- Participated in the Quality Assessor Program for Higher Education Institutions, organized by the Accreditation and Quality Assurance Commission, Amman, Jordan **July 25-26, 2026**
- Participated in the workshop titled "Artificial Intelligence in Government Administration," Prime Ministry, Amman, Jordan **January 23, 2026**
- Delivered the training workshop "The Art of Communicating with Artificial Intelligence and Prompt Engineering," 4 hours, targeting all faculties at Al-Hussein Bin Talal University, organized by the Center for Academic Development and Quality Assurance, Ma'an, Jordan **December 30, 2025**
- Participated in the Token Congress Jordan 2025 Conference, contributing to the discussions on digital assets, fintech, innovation, and regulatory frameworks, Amman, Jordan **September 23, 2025**
- Participated in the webinar titled "Future-Proof Your Career: How to Work Smarter with AI Tools," 2 hours, organized by Simplilearn **September 15, 2025**
- Attended the workshop titled "Gateway to SSH Excellence (RH124)," an hour, organized by Red Hat Academy **September 12, 2025**
- Attended the workshop titled "A Brief Introduction to AI & Red Hat OpenShift AI (AI262F)," an hour, organized by Red Hat Academy **September 9, 2025**
- Attended the workshop titled "Decoding the Linux File System: From Root to Home (RH124)," an hour, organized by Red Hat Academy **September 8, 2025**
- Attended the workshop titled "Game On: Writing & Running Winning Playbooks (RH294)," an hour, organized by Red Hat Academy **September 4, 2025**

- Delivered a workshop titled "AI Roadmap: From Traditional AI to Generative AI and Prompt Engineering," 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma'an, Jordan **July 7, 2025**
- Participated in the Global Women in Tech Summit (GWTS 2025), contributing to the Discussion on digital leadership, innovation, AI, Cybersecurity, digital media, financial inclusion, and women driving digital transformation, Amman, Jordan **May 27, 2025**
- Participated in a two-day co-creation workshop on the Digital Innovation Profile (DIP) of Jordan, organized by the Ministry of Digital Economy and Entrepreneurship (MODEE) in collaboration with the International Telecommunication Union (ITU). The workshop brought together key stakeholders to review the digital innovation ecosystem in Jordan, clarify stakeholder roles, and co-create actionable recommendations for accelerating innovation, Amman, Jordan. **January 22-23, 2025**
- Participated as a keynote speaker in the First International Educational Conference "Education for Future: Jordan 2030," Petra, Jordan **November 21-23, 2024**
- Attended the event entitled "Developing Curricula for Artificial Intelligence and Robotics (DeCAIR)," The project is co-funded by the Erasmus+ Programme of the European Union, The University of Jordan, Amman, Jordan **December 12, 2023**
- Participated in the workshop titled "How to Prepare Erasmus+ Jean Monnet Proposal for a Module," organized by the National Erasmus+ Office, Applied Science Private University, Amman, Jordan **December 13, 2023**
- Attended Episode 4 of Breakthroughs in Fusion R&D webinar series titled "How Ignition and Target Gain > 1 was achieved in Inertial Fusion," arranged by The International Atomic Energy Agency (IAEA) **January 18, 2023**
- Attended Episode 3 of Breakthroughs in Fusion R&D webinar series, arranged by the IAEA, the agenda was as follows: **December 14, 2022**
 - Academic Research on Turbulence and Abrupt Instability of Isotope Mixture Plasmas in Large Helical Device (LHD) | Katsumi Ida, National Institute for Fusion Science (Japan)
 - The Recent Progress of the Korea Institute of Fusion Energy (KSTAR) Resolving Physics and Engineering Key Issues for ITER and Beyond | KSTAR
 - Simple Dipole Arrays to Simplify the Design and Production of Stellarators | Princeton Plasma Physics Laboratory
- Attended the webinar titled "Machine Learning for Scientific Discovery with Examples in Fluid Mechanics," arranged by IAEA & International Telecommunication Union (ITU) **November 29, 2022**
- Attended the workshop titled "Smart Grid Technology: The Role in Solving Problems Facing Modern Power Systems," arranged by CIGRE National Association of Jordan, Amman, Jordan **November 15, 2022**
- Attended the webinar titled "Fusion and Plasma for a Sustainable Future," US Side Event at the 66th IAEA General Conference, Topics were as follows: **September 28, 2022**
 - Getting to Fusion Electricity
 - Plasma-based Nanofabrication for Microelectronics
 - Plasma-aided Water Treatment: A nonthermal, Green Approach to Addressing Emerging Threats to Drinking Water Quality and Safety
 - Disinfection of Room Air and Surfaces during COVID-19 with Deep-Ultraviolet Lamps
- Successfully conducted a crash course titled "Machine Learning: Hands-On Python," 4 hours, for the students of the Dual Study Program | Computer Science Department, School of Information Technology, AL-Hussein Bin Talal University with We Are All Jordan Youth Commission, Amman, Jordan **September 27, 2022**
- Attended Episode 2 of Breakthroughs in Fusion R&D webinar series, arranged by IAEA, the agenda was as follows: **July 14, 2022**
 - East Tokamak achieves a Record Long-Pulse Operation in a Thousand-Second Scale | Institute of Plasma Physics, Chinese Academy of Science, China
 - Key Results from the Wendelstein 7-X Stellarator and Visions for a Stellarator Fusion Power Plant | Max Planck Institute for Plasma Physics, Germany

- Attended the webinar entitled “Learning Artificial Intelligence from Use Cases in Japanese Government,” arranged by The Ministry of Digital Economy and Entrepreneurship (MoDEE) with Japan International Cooperation Agency (JICA) **December 15, 2021**
- Participated in the virtual event entitled "Workshop on Computational Nuclear Science and Engineering," organized by IAEA. Topics were as follows: **July 12 – 16, 2021**
 - Day 1: Computational Nuclear Science and Engineering
 - Day 2: Nuclear Observation Challenges
 - Day 3: Advanced Modeling and Simulation Methodologies for Nuclear Science and Engineering
 - Day 4: Open-Source Data and Codes for Nuclear Science and Engineering
 - Day 5: Advanced Computational Methods for Nuclear Science and Engineering
- Attended the Information Day on “Cooperative Higher Education for the Dual Study System in Germany and other countries,” organized by GIZ, Amman, Jordan **July 18, 2019**
- Participated in the Phi’s Research and Innovation Summit 2018 **August 17 – 18, 2018** (PRSI), Amman, Jordan. The following workshops were conducted in the PRSI:
 - Healthcare Decision-Making in the Era of Artificial Intelligence & Data Analytics Workshop
 - Game Development Workshop Using Unity
 - Digital Fabrication and Prototyping Techniques Workshop
 - The Monte Carlo Simulation Method: A Powerful Numerical Tool for Solving Problems in Science and Engineering Workshop
 - AI Applications in Medicine and Neuroscience Workshop

TRAINING COURSES

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- Participated in the online training session titled "Leveraging Artificial Intelligence in Meta Advertising Campaigns," 2 hours, organized by The Crown Prince Foundation **June 13, 2026**
 - Participated in the online training session titled "AI-Powered Strategies in Social Media Marketing," 2 hours, organized by The Crown Prince Foundation **May 23, 2026**
 - Participated in the online training session titled "Video Generation Using Artificial Intelligence," 2 hours, organized by The Crown Prince Foundation **May 2, 2026**
 - Participated in the online training session titled "Graphic Design Using Artificial Intelligence Tools," 2 hours, organized by The Crown Prince Foundation **April 11, 2026**
 - Participated in the online training session titled "From Concept to Content: AI-Assisted Writing," 2 hours, organized by The Crown Prince Foundation **March 28, 2026**
 - Participated in the online training session titled "Enhancing Digital Presence Through Artificial Intelligence," 2 hours, organized by The Crown Prince Foundation **February 14, 2026**
 - Participated in the online training session titled "The Art of Communicating with Artificial Intelligence Tools," 2 hours, organized by The Crown Prince Foundation **January 31, 2026**
 - Participated in the online training session titled "The Use of Artificial Intelligence Tools for Learning and Teaching," 2 hours, organized by The Crown Prince Foundation **October 18, 2025**
 - Participated in the online training course entitled "Work smart with AI tools," 40 hours, organized by LEVEL X Academy **September 12 – November 12, 2025**
 - Participated in the online training session titled "Employing Artificial Intelligence in Scientific Research: Tools, Methodologies, and Recent Applications," 4 hours, organized by Virtual World Company for Training and Consultancy **September 6, 2025**
 - Participated in the training session titled “National Qualifications Framework (NQF),” 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **July 10, 2024**
 - Participated in the training session titled “Legislation Governing Faculty Members,” 6 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **December 9 – 16, 2023**
 - Participated in the online Cybersecurity Program – Level 3 titled “Penetration Testing,” 36 hours, organized by the University of Arizona, USA, and Princess Sumaya University for Technology, Jordan **August 26 – December 2, 2023**

- Participated in the training session titled “Uses of Plagiarism Checker: Turnitin Software,” 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **March 20-21, 2023**
- Participated in the training session titled “Uses of ChatGPT in Academic Work,” 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **March 19, 2023**
- Successfully completed the online course titled “ASP.Net (MVC),” 33 hours, The Hope International Company, Amman, Jordan **May 17 – July 26, 2022**
- Participated in the training session titled “Academic Writing with LaTeX,” 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **August 1-2, 2022**
- Participated in the online training course titled “Image and Video Processing and Machine Learning with Python: A Complete Practical Course for Researchers,” 33 hours, ATIT Academy, Germany **June 19 – August 14, 2021**
- Participated in the online training course titled “Deep Learning with Python: A Complete Practical Course for Researchers,” 33 hours, ATIT Academy, Germany **June 12 – August 22, 2021**
- Participated in the training sessions titled “References Citation Using EndNote Software,” 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **May 31 – June 1, 2021**
- Participated in the training sessions titled “Erasmus+: The European Union programme for Education, Training, Youth, and Sport,” 2 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **May 24, 2021**
- Successfully completed the online course titled “Flutter,” 40 hours, The Hope International Company, Amman, Jordan **May 1 – July 1, 2021**
- Participated in the virtual training program titled “Future Technology: Artificial Intelligence, Big Data, Internet of Things, and Blockchain,” 12 hours, organized by The Ministry of Youth, Amman, Jordan **April 5 – 8, 2021**
- Participated in the training sessions titled “Fundamentals of the Academic Quality Assurance,” 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **April 6 – 7, 2021**
- Participated in the training sessions titled "Preparing the Course File," 4 hours, organized by The Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **March 28 – 29, 2021**
- Participated in the training sessions titled "Classroom Management and Modern Trends in Education," 4 hours, organized by the Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **March 14 – 15, 2021**
- Successfully completed the online course titled “Python and Machine Learning,” 60 hours, organized by the Hope International Company, Amman, Jordan **December 26, 2020 – March 27, 2021**
- Participated in the online Cybersecurity Program – Level 2 entitled “Computer Security,” 36 hours, organized by the University of Arizona, USA, and Princess Sumaya University for Technology, Jordan **November 16, 2020 – February 15, 2021**
- Participated in the intensive Human Capacity Development program on “Digital Teaching and Blended Learning,” arranged by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, MOVE-HET Project, Ma’an, Jordan. Training modules were as follows: **October 15 – December 23, 2020**
 - Module 1: Digital Arrangements: Theoretical Background, Blended Learning and Flipped Classroom, and E-Assessment.
 - Module 2: Digital Curriculum: Designing and Managing Online Courses, and Developing Educational Multimedia Content

- Participated in the online Cybersecurity Program – Level 1 titled “Network Security,” 36 hours, organized by the University of Arizona, USA, and Princess Sumaya University for Technology, Jordan **June 15 – August 24, 2020**
- Participated in the online Microsoft training course titled “Certified Microsoft Innovative Educator,” organized by Microsoft, Educator Center, 2 hours **December 14, 2020**
- Participated in the online Microsoft training course titled “Keeping Students Engaged: Building Strong Student / Teacher Connections in a Remote Learning Environment,” organized by Microsoft, Educator Center, 2 hours **December 2, 2020**
- Participated in the training program titled “Research and Analysis Using SPSS,” 10 hours, organized by Migrate Company, Amman, Jordan **September 21 – 22, 2019**
- Attended a specialized training on “The Design and Analysis of the Electronic Questionnaire for Survey Research,” 10 hours, organized by the Academic Development and Quality Assurance Center, Al-Hussein Bin Talal University, Ma’an, Jordan **April 7 – 15, 2019**
- Attended a specialized training on “The Criteria of King Abdullah II Award for Excellence in Government Performance and Transparency,” 10 hours, organized by USAID and AL-Hussein Bin Talal University, Ma’an, Jordan **December 3 – 4, 2018**
- Attended a specialized training on “Improving the Teaching Skills of Faculty Members,” 30 hours, AL-Hussein Bin Talal University, Ma’an, Jordan **September 16 – 20, 2018**

COMMUNITY SERVICE

Accessibility & Inclusion Innovation Center (AIIC), Project Director & Institutional Lead **2026**
Enabled Talent (Canada), AHU (Jordan)

- Directed the foundational launch, multi-lateral stakeholder coordination, and international legal framework between AHU and Enabled Talent to establish pathways integrating individuals with disabilities into education, employment, entrepreneurship, and community participation.
- Defined the collaborative scope between AHU and Enabled Talent, establishing a forward-looking framework designed to:
 - Develop employment pathways for students and graduates with disabilities.
 - Build partnerships in research and innovation concerning environmental adaptation (accessibility), inclusive technology, and workforce development.
 - Provide opportunities for field training, cooperative training, and entrepreneurship.
 - Launch joint initiatives supporting the integration of persons with disabilities within higher education institutions.
 - Participate in international programs, associations, and consortiums comprising partners from both Jordan and Canada.

Huawei ICT Academy Administrator

2024 – Present

Huawei Technologies Co., Ltd., AL-Hussein Bin Talal University, Ma’an, Jordan

- Responsible for the cooperation between Huawei ICT Academy and AL-Hussein Bin Talal University
- Authorized to submit materials, sign agreements, and maintain the information and data on Huawei Talent Platform and related Partner Systems, approve the association for instructors and students, implement training activities, manage exam vouchers and related resources in compliance with Huawei’s regulations, and participate/assist in Huawei’s related academy activities.
- Integrated enterprise-level Huawei Talent Online courses and professional certifications, including HCIA-IoT and HCIA-Artificial Intelligence, into academic IT curricula through a newly proposed educational development plan.
- Mentored and led AHU students through the "2025-2026 Huawei ICT Practice Competition," and successfully securing third place globally in the computing track. A team from AHU and other Jordanian universities achieved this place. **2026**

AHU Liaison & Programs Coordinator – MoDEE

2024 – Present

Ministry of Digital Economy and Entrepreneurship (MoDEE), Amman, Jordan

Al-Hussein Bin Talal University, Ma'an, Jordan

- Responsible for managing specialized training and employment programs delivered in partnership with global technology leaders, including Amazon Web Services (AWS), Microsoft, and Red Hat. MoDEE through the Youth, Technology, and Jobs (YTJ) supports these academic initiatives Project, which allocates World Bank funding to provide free training grants aimed at advancing the digital competencies of university students in Jordan.
- **AWS Academy Administrator at AHU**
 - Deliver technical training for the Career Accelerator Program, executed in strategic partnership with MoDEE, alongside corporate partners INJAZ and INTAJ.
- **Red Hat Academy Administrator at AHU**
 - Directed the AHU Red Hat Academy initiative, serving as the core liaison to expand open-source education and ensure institutional alignment with global industry standards.
 - Managed the complete lifecycle of the Red Hat Academy portal, from provisioning instructor and student access to orchestrating enterprise-grade lab environments for hands-on learning.
 - Strategically mapped Red Hat certification pathways to academic curricula, driving professional credentialing initiatives to directly enhance graduate competitiveness in the workforce.
 - Earned a Red Hat Academy Instructor certification, integrating specialized academy courses into the academic study plans of the faculty's programs.
 - Led Al-Hussein Bin Talal University to be officially recognized as a "Ready Partner 2026" in the Red Hat Academy Excellence Program, an achievement acknowledging outstanding student outcomes, engagement, and successful program adoption

February 05, 2026

• **JoCodes Program Coordinator at AHU**

MoDEE | YTJ | Crown Prince Foundation | Hello World Kids | AHU

- Responsible for overseeing the institutional execution of the "Jordan Programmers" (JoCodes) training initiative, delivered to university students in partnership with Hello World Kids
- Formulated a strategic framework to seamlessly integrate JoCodes educational path certificates into various academic curricula within the Information Technology College at AHU. This initiative is designed to elevate the quality of academic outcomes and enhance graduate readiness for the competitive global labor market
- Coordinated the first "Digital Technology in Healthcare" forum at AHU to exhibit AI and IoT projects developed by nursing students, marking their successful completion of the JoCodes "Fundamentals of Artificial Intelligence" educational track.

Focal Point of Contact, College of Information Technology, Training Sessions

2023 – 2024

Crown Prince Foundation, Ma'an office, Jordan

Deanship of Student Affairs, AL-Hussein Bin Talal University, Ma'an, Jordan

- Attended a training session on "Machine Learning in Aviation," Global International Program
- Coordinated an introductory session for students on "Presentation Skills" Airbus Company
- Participated in an Information session about "the 4th Edition of the Crown Prince Award for Best Government Services Application," organized by MoDEE
- Implemented the Crown Prince Award for Best Government Services Application in its fourth edition, in collaboration with MoDEE, where I supervised the participants from AHU. One of the AHU teams received the fourth-place award
- Participated in a workshop for students on "Creative Thinking"
- Participated in a workshop for students to introduce the National Platform for Youth Volunteering And Participation in Jordan "Nahno"

Trainer, INJAZ Organization**2018 – 2019**

Deanship of Student Affairs, Al-Hussein Bin Talal University, Ma'an, Jordan

- Successfully conducted “My Entrepreneurial Project of the Entrepreneurial and Employment Programs” for AHU students

Youth Mentor, We Are All Jordan Youth Commission**2007 – 2008**

Ma'an, Jordan

- Organized activities with volunteers that developed the youth members' skills to serve the community, for example, a fundraiser for orphans, collecting food, clothing, toy donations, and running a blood drive
- Held workshops on topics such as time management, problem-solving, and learning to handle a work environment
- Took the initiative to plant trees and save the environment
- Lead group tours to Jordanian historical sites

LANGUAGES:

- Fluent in Arabic and English (reading, writing, and speaking)