

HUSAM SAMEH MASHAQBEH

COMPUTER SCIENCE

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Date of Birth: May 17, 1990.

SUMMARY

I am a Computer Science professional with extensive expertise in IT support, training, education, digital skills, ICDL, networks, servers, and lab supervision. I hold a master's degree in computer science from Al Al-Bayt University and a bachelor's degree in computer science from Hashemite University. Currently, I am a lecturer at Isra University, where I contribute to the academic development of students in various IT and computer science disciplines. Previously, I worked as an IT Trainer in the BTEC program at NET Company and as a part-time lecturer at Hashemite University, gaining valuable experience in both academic and professional training environments.

EDUCATION

- **AL AL-BAYT UNIVERSITY (2018 – 2021)**

MSc in Computer Science, Department of Computer Science, **Grade:** Excellent, **M.Sc. Dissertation:** "Multi-objective Task Scheduling Optimization in Cloud Computing"(AI and cloud computing).

- **HASHIMITE UNIVERSITY (2008 – 2012)**

BSc in Computer Science, Department of Computer Science, **Grade:** Good, **Project Graduation:** "Buy and Sell Cars online using Drupal".

- **ZNEA SECONDARY SCHOOL (2007 – 2008)**

General Secondary School Certificate, Ministry of Education, **Scientific Stream**.

WORK EXPERIENCE

- **Isra University (Semester 2024 - 2025)**

Lecture in Computer Science – Full-Time

Teach Programming Methodology.

Teach Programming Fundamentals.

Teach Object Oriented Paradigm.

Teach Web Design (1) and (2).

Teach Discrete Mathematics.

Teach Visual Programming

Teach 2D Animation Graphics

Teach Software Project Management

- **Hashemite University (semester 2023/2024)**

Lecture in Computer Science – Part-Time

Teach Object-Oriented Programming 1 (Java).

- **National Employment and Training (2019 – 2024)**

- Computer Lab Supervisor and Instructor (Mar/2019 – Oct/2022).

- Computer trainer/Internal verifier for BTEC International Level 2 (IT) (Jan/2024 – Jun/2024).

- Head of IT Division (Jan/2024 – Oct/2022).

- **Computer Teacher at Ministry of Education – Jordan (2018 – 2019)**

Teach the principles and skills of computers to students of different ages and levels to promote computer literacy.
In addition to School Computer Lab Supervisor.

- **Information Technology Officer at Arab Towers Contracting Co ATCCO (2016–2018)**

Technical support for computer hardware, software, and network devices and Data Entry in Company Systems.

- **Information Technology Officer at SUEZ GROUP (2012 -2016)**

Set up and configure computers, printers, and networks, diagnose hardware and software issues, and resolve technical and application issues over the phone or in person.

Courses AND Certifications

- **Programming:** Java, C#, and C++ at the Computer Center at HU University, as well as front-end web development.
- **Tofel:** Training course at the Center for Studies Consultation and Continuing Education at the HU.
- **IT Technical support:** Training for two months in Treatment Plant O&M Company.
- **CCNA (Computer Network):** Training course at Teleprobe Academy (60 hours).
- **MCSA (Win Server 2012):** Training course at Teleprobe Academy (106 hours).
- **First Aid** at Five Arches for Consulting and Training.
- **Training of Trainers (TOT):** Introductory Crash Course on EDRAAK Platform.
- **Introduction to Sim Lab Composer (Virtual Reality)** at Asfan International Trading Company (24 hours).
- **Storyboarding and Development Preparation for Virtual Reality Applications** at Knowledge Beam IT Systems.
- **Leadership Skills:** Training course at Engineers Training Center (24 training hours).

Skills

- Professional installations, diagnosis of problems, format, and backup.
- Professional in device configuration (printers, switches, Wi-Fi routers, Fingerprint and cameras).
- Professional in Microsoft services (MS Windows, MS Office 365, MS Teams, one drive, and Hyper-V).
- Continuous Learning and Development.
- Assessment and evidence-based competency
- Excellent attention to detail and Ability to multitask effectively.
- Research and Problem-Solving Skills.
- Ability to perform repetitive tasks with a high degree of accuracy.

Honors and Awards

- Best MSc Dissertation in Semester 2021/2022.
- One of the top graduates with a GPA: 89.38.
- Best video Award in the Computer and Network Security Course: Advanced Encryption Standard (AES).

Research Publications

No.	Title of the Paper	Status	Journal / Conference
1	FL-Jaya Scheduler: An Optimized Jaya Algorithm for Effective Independent Task Scheduling in Cloud Systems	Accepted for Publication	Computing (Springer)
2	Advanced and Classical Selection Methods in Genetic Algorithms: A Comprehensive Comparative Analysis	Under Review	Cluster Computing (Springer)
3	NSGA-FDB++: A Dynamic Evolutionary Framework for Multi-Objective Scheduling in Cloud Environments	In Preparation for Submission	IEEE Transactions (Planned Submission)
4	Industry 4.0: Challenges and Opportunities	Accepted in Scientific Conference	International Conference on Innovation for Emerging Technologies (ICIET 2025)

Research interest

- bio-inspired computation and application, combinatorial optimization, Cloud Computing, Multi-Objective Optimization.
- Evolutionary algorithms, nature-inspired algorithms, and metaheuristics.

REFERENCES

- Prof. Ismail Ababneh, Vice President, Al al-Bayt University/AABU, Jordan (ismael@aabu.edu.jo).
- Prof. Saad Bani-Mohammad, Professor of Computer Science, Al al-Bayt University/AABU, Jordan (bani@aabu.edu.jo).
- Prof. Ayoub Alsarhan, Professor of Computer Science, The Hashemite University Zarqa – Jordan (AyoubM@hu.edu.jo).
- Malek Abu Tayeh, IT/OT Manager - Veolia Middle East, UAE (malekkiev@yahoo.com).
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