

Ahmad Audat

Software Engineering Lecturer & Researcher

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PROFESSIONAL SUMMARY

Software Engineering lecturer and researcher with a Master's degree from Philadelphia University and a Bachelor's from Jadara University. Over three years of academic experience teaching at multiple Jordanian universities, including Jadara University, The University of Jordan, and Amman Arab University. Research interests focus on requirements engineering, intelligent systems, and traffic security. Published four peer-reviewed papers in IEEE conferences and MDPI journals, including Q1 and Q2 ranked publications.

EDUCATION

Master of Software Engineering

Philadelphia University, Jordan | Graduated: 2024

Bachelor of Software Engineering

Jadara University, Jordan | Graduated: 2021

PROFESSIONAL EXPERIENCE

Full-Time Lecturer

Jadara University | October 2025 – Present

- Teaching programming languages courses at the undergraduate level

Part-Time Lecturer

The University of Jordan | October 2025 – Present

- Teaching programming languages courses at the undergraduate level

Lab Supervisor & Lecturer

Amman Arab University | October 2023 – October 2025

- Supervised computer lab sessions and delivered lectures
- Provided technical guidance and academic support to students

Part-Time Lecturer

Philadelphia University | 2022/2023 — First Semester

- Taught software engineering courses as adjunct faculty

RESEARCH & PUBLICATIONS

[1] Intelligent Requirements Engineering: Applying Machine Learning for Requirements Classification

14th International Conference on Information and Communication Systems (ICICS), 2023

<https://ieeexplore.ieee.org/abstract/document/10330441/>

[2] Traffic Light Control Systems: Requirements Engineering

International Journal of Network Security & Its Applications (IJNSA), Vol.16, No.1, January 2024

<https://ijncn.com/2024/02/24/ijnsa-01-26/>

[3] Secure Context-Aware Traffic Light Scheduling System: Integrity of Vehicles' Identities

World Electric Vehicle Journal / MDPI — Q2, August 2025

https://scholar.google.com/citations?view_op=view_citation&hl=ar&user=LPdjtD4AAAAJ&citation_for_view=LPdjtD4AAAAJ:5nxA0vEk-isC

[4] Confidential Intelligent Traffic Light Control System: Prevention of Unauthorized Traceability

Big Data and Cognitive Computing / MDPI — Q1, June 2025

https://scholar.google.com/citations?view_op=view_citation&hl=ar&user=LPdjtD4AAAAJ&citation_for_view=LPdjtD4AAAAJ:0EnyYjriUFMC

TECHNICAL SKILLS & CERTIFICATIONS

- ASP.NET MVC — Web application development
- Oracle Database (OSA) — Database administration
- Java GUI — Desktop application development
- Python Programming — Scripting and automation
- ICDL — International Computer Driving Licence
- Data Entry — Professional data management