



# MOHAMMED QUDAH

RESEARCHER, IT LECTURER, MACHINE LEARNING ENGINEER

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<https://qudahtd.wordpress.com/>

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## CAREER SUMMARY

**Information Technology Trainer, Web developer, Head of Training Department.**

- As an information technology researcher, lecturer, trainer & machine learning engineer, I am deeply passionate about the field of machine learning and deep learning. My goal is to grow within a dynamic organization, improving my skills while making a meaningful impact.

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## RESEARCH EXPERTISE

Research on anomaly detection in IoT data streams; authored a paper accepted for publication at ICTCS'25 (3rd International Conference on New Trends in Computing Sciences).

<https://ictcs.psut.edu.jo/>

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## AREAS OF EXPERTISE

- Knowledge of Python libraries and tools for data analysis and machine learning, such as NumPy, Pandas, or TensorFlow.
- Strong understanding of machine learning algorithms such as regression, classification, clustering, and deep learning.
- Building and testing Python REST APIs with Docker, TDD, CI/CD, and backend best practices
- Strong understanding of object-oriented programming concepts.
- Built full-stack web applications using Python, Django, HTML, CSS, JavaScript, and Bootstrap.
- Experience in building dynamic websites and web applications using PHP.
- Proficient in Oracle PL/SQL for writing optimized database queries and procedures, with experience in developing Oracle Forms and Reports for interactive applications.
- Built interactive dashboards and reports using Power BI with advanced data analysis tools.
- Strong analytical and problem-solving skills.
- Software Development: Analyze, design, and develop solutions following best practices.
- Agile Project Management: Scrum, Kanban, XP, Sprint Planning, Backlog Management, Continuous Delivery.
- Strong organizational, time management, interpersonal, communication, and soft skills.

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## PROFESSIONAL EXPERIENCE

**Al Wasl University**, UAE, Dubai

**2014 – 2025**

**IT Lecturer / Trainer**

- Computer Team Leader.
- Lecturer/Trainer of Computer Skills, Web Development (WordPress), IT Security, Artificial Intelligence and other courses (Work Readiness Program –WRP) under higher Colleges of Technology (HCT) supervision.
- Curriculum development and assessment.

- Industrial experience (Develop a web platform to handle):  
Attendance system, Work, placement system, Academic advising and self-learning.

**Al- al Bayt University, Jordan.**

**2011 – 2014**

**Head of Training Division at Consultation, Technical & Community Services Center.**

- **Training Program Management** – Design, plan, supervise, and evaluate training programs for university students and public/private sectors, including communication with trainers and trainees.
- **Administrative & Strategic Planning** – Develop training schedules, draft agreements with institutions, assess training effectiveness through questionnaires, and prepare annual achievement reports.

**Al- al Bayt University, Jordan.**

**2002– 2011**

**Supervisor of computer labs at Consultation, Technical & Community Services Center.**

- Provide technical support, hardware and software for center labs.

## EDUCATION

**Master's degree in computer information systems With Very Good Rank.**

**2007-2009**

**The Arab Academy for Banking & Financial Sciences, Jordan.**

<https://www.aambfs.org/>

**Note:** In 2018, the name was changed to The Arab Academy for Management, Banking and Financial Sciences (AAMBFS).

**Bachelor's degree in computer science With Good Rank.**

**1997-2001**

**Princess Sumaya University for Technology, Jordan.**

<https://psut.edu.jo/>

## Courses

- **Agile Project Management: Agile, Scrum, Kanban & XP** (6 Hours). July 2025  
Udemy course: <https://shorturl.at/yFA0U>
- **Build a Backend REST API with Python & Django – Advanced** (15 Hours). July 2025  
Udemy course: <https://shorturl.at/kDlyK>
- **Python and Django Full Stack Web Developer Bootcamp** (32 Hours). May 2025  
Udemy course: <https://shorturl.at/IOY2i>
- **Microsoft Power BI Desktop for Business Intelligence** (17 Hours). April 2025  
Udemy course: <https://shorturl.at/DPYqH>
- **Deep Learning A-Z 2025: Neural Networks, AI** (22 Hours). March 2025  
Udemy course: <https://shorturl.at/RUtTN>
- **Machine Learning Specialization** (Stanford University) online course. 19-Nov-2023 - 7-Jan-2024  
( <https://coursera.org/verify/specialization/2E48CCS3HQRX> )
- **IELTS Academic** Certificate (score 6.0). 2022
- **General English** at four skills institution – UAE 26-Sep-2020 – 21-Nov-2020
- **Oracle developer Course** (SQL+PL/SQL + forms + reports) at International Training and Consulting Center (ITCC). 22-Jun-2008 – 8-Aug-2008