



## **Areen Hamad**

**Data Analyst & Academic Lecturer**

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## **Professional Summary**

Dedicated data analyst and academic professional with a strong background in data-driven decision-making, user experience design, and interdisciplinary research. With over six years of diverse experience in teaching, research, and industry, I combine advanced technical skills, multilingual proficiency, and a passion for human-technology interaction. Skilled in Python, SQL, Tableau, and machine learning techniques, I excel at delivering actionable insights and fostering leadership and innovation in academic and corporate settings.

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## **Experience**

### **Assistant Lecturer, Erbil Technical Engineering College, Erbil, Kurdistan 02/2020 – Present**

- Conducting both on-site and online lectures on advanced information systems and software engineering topics.
- Supervising undergraduate projects, providing mentorship in research and technical problem-solving.
- Member of Department's Quality Assurance Committee.

### **Research Intern, Laboratoire d'Informatique de Grenoble (VASCO-AMA), Grenoble, France 02/2019 – 07/2019**

- Analyzed execution trace faults in Orange ADSL modems using machine learning classification algorithms.
- Presented findings in technical seminars, leading to process optimizations in fault detection.

### **Assistant Lecturer, Erbil Technical Engineering College, Erbil, Kurdistan 09/2015 – 02/2018**

- Taught foundational and advanced courses in information technology and systems.
- Organized workshops on research methodologies and academic writing.

### **Data Analyst, Jisr Alfurat Trading Company (Marlboro Tabac), Erbil, Kurdistan 02/2014 – 05/2015**

- Conducted market analysis and inventory optimization, resulting in a 15% improvement in supply chain efficiency.

- Developed dashboards to visualize sales trends, aiding in strategic decision-making.

## Education

### MSc in Advanced Information Systems and Software Engineering, University of Grenoble INP-ENSIMAG, Grenoble, France 2018 – 2019

- Thesis: Investigated execution trace faults in Orange ADSL modems using machine learning classification.

### MSc in Information Systems, University of Sheffield, Sheffield, UK 2012 – 2013

- Dissertation: Explored barriers to e-Government adoption in Kurdistan through qualitative and quantitative research.

### BSc in Applied Information Technology, University of Kurdistan-Hawler, Erbil, Kurdistan 2007 – 2010

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## Skills

### Technical Skills

Programming: Python (Pandas, Sklearn), SQL/MySQL  
Data Visualization: Tableau, Orange  
UX Design: Figma, Webflow, Prototyping, Testing  
Research Methods: Quantitative and Qualitative Surveys, Machine Learning Classification Techniques

### Tools

Microsoft Office Suite: Word, Excel, PowerPoint, Outlook

### Soft Skills

Leadership (including managing classes of up to 100 students)  
Communication, Time Management  
Academic Writing, Workshop Facilitation

### Languages

Kurdish: Native  
English: Fluent  
Arabic: Intermediate  
French: Intermediate

## Certifications

- Google UX Design Certificate: Foundations of UX Design (April 2022)
- Google UX Design Certificate: The UX Design Process: Empathize, Define, Ideate (May 2022)

## Notable Projects

- Developed a machine learning model to detect and classify faults in telecommunication devices, reducing error identification time by 25%.
- Conducted a comprehensive study on barriers to e-Government, influencing policy recommendations for regional IT infrastructure.