

Zaid M. Altukhi

PhD Student

+61 410820977 | zaid.m.altukhi@student.uts.edu.au

Sydney, NSW, Australia

OBJECTIVE

Seeking a challenging position in tutoring to leverage my expertise in teaching, data analysis, python programming language, and machine learning.

EXPERIENCE

- Islamic University of Madinah** 2022 - 2024
Lecturer | Computer and Information Systems College Madinah, Saudi Arabia
 - Grad courses: Computing Fundamentals, Computer Graphic (Lab), Data Communication (Lab), Web Application Development, Analyse and Design Systems, and Introduction to programming languages.
 - Post-Graduate courses: Introduction to Data Science, IT in Education
 - participate in different committees such as Facility and Resource committee, Academic Advising committee and others.
- Islamic University of Madinah** 2018 - 2022
Teaching Assistant | Computer and Information Systems College Madinah, Saudi Arabia
 - It was a full-time job; the main role is to assist professors in grading and preparing assignments and exams. In addition, doing professional jobs in the IT department, such as arranging meetings, helping communicate with students and providing advice.
- Islamic University of Madinah** 2017 - 2018
Visual Identity Applied Unite Director Madinah, Saudi Arabia
 - It was a full-time job responsible for building and developing the university's brand identity. Also, help the public relation department in the university's marketing in designing and publishing media works. Also, managing the creative team working on communication and social media platforms.

EDUCATION

- University of Technology Sydney** Jan 2024 - Present
PhD in Information System Sydney, Australia
- George Mason University** Aug 2020 - May 2022
Masters Degree in Data Analytics Engineering Fairfax, VA, USA
 - GPA: 3.73/ 4:00
- Taibah University** Aug 2008 - May 2013
Bachelor Degree in Information Systems Madinah, KSA
 - GPA: 3.92/5

PROJECTS

- Second Provider Calls : Capstone Project of Master's degree (Team)** Aug 2021 - Dec 2021
Tools: Pandas, NumPy, matplotlib, Python, Tableau, MS Excel [🔗]
 - The project was for Fairfax County Fire & Rescue Department (FCFRD) as a capstone project course for the master's degree. This project investigated the factors affecting the need for a second provider to be dispatched along with a medic unit during critical emergencies and to understand if transitioning from an Additional Life Support unit (ALS) to a Basic Life Support (BLS) unit would be pragmatic in certain situations.

PUBLICATIONS

C=CONFERENCE, J=JOURNAL

- [C.1] Altukhi, Z. M. A., & Pradhan, S.(2024). **Systematic Literature Review: Explainable AI Definitions and Challenges in Education**. In *International Conference on Information Systems ICIS 2024 Proceedings*. 11.
- [C.2] Altukhi, Z. M., & Aljohani, N. F. (2024). **An Analytical Investigation into the Impact of Product Color on the Price of Retail Products and Purchasing Decisions of Consumers**. In *Science and Information Conference*, pp. 169-186. Cham: Springer Nature Switzerland, 2024.
- [J.1] Altukhi, Z. M., & Aljohani, N. F. (2024). **Using Descriptive Analysis to Find Patterns and Trends: A Case of Car Accidents in Washington DC**. In *International Journal of Advanced Computer Science and Applications*.

SKILLS

- Programming Languages:** Python, R, SQL.
- Web Technologies:** HTML, CSS, WordPress.
- Data Science & Machine Learning:** Pandas, NumPy, Matplotlib, Altair, SciPy.
- Other Tools & Technologies:** Adobe Photoshop, Adobe Illustrator, MS Excel.

VOLUNTEER EXPERIENCE

- **HDR Students Representative**

Oct 2024 - Present

School of Practice Professional and Leadership | UTS

- Represent the HDR students at School of Professional Practice and Leadership's Research Committee (SRC) and Faculty Research Degree Committee.
- Share important updates and decisions about the research and candidature process with HDR students.
- Hear from HDR student and ensure their concerns and suggestions are addressed.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate**

Mar 2023

- **Natural Language Processing Specialization Certificate**

Aug 2022

ADDITIONAL INFORMATION

Languages: Arabic (Native), English (Advanced)

Interests: Data Analysis, Teaching, Research, Graphic Design

REFERENCES

References are available upon request.