

Name: Mostfa ALBDAIR

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Specialization: Networks, cybersecurity

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Objective: Dedicated educator and researcher with a Ph.D. in Information and Communication Technology, specializing in Networks and Cybersecurity, seeking to leverage extensive experience in teaching, scholarly research, and service activities to contribute to an academic institution's success.

Qualifications:

- Ph.D. in Information and Communication Technology, University of Southern Queensland, 2018, Australia
- Master's in Information and Communication Technology, UTARA (UUM), 2010, Malaysia
- Bachelor's in Physics, Baghdad University, 1996, Iraq
- Certificate IV in Training & Assessment (TAE40116), TAFE QLD, 2022, Australia
- CCNA instructor certification, CISCO, 2022, Australia

Employment History:

- TAFE QLD, Australia (2022 - Present)
 - Position: Teacher
 - Teaching IT courses and integrating best practices, scholarly evidence, and contemporary digital technologies to create a student-centered learning environment.
- University of Southern Queensland, Australia (2016 - Present) (casual)
 - Position: lecturer, Lab Supervisor, and Marker
 - Teaching, tutoring, and marking IT courses, ensuring a student-centered approach and embedding employability skills and principles of equality and inclusion.
- AL-Sadiq University, Iraq (2010 - 2013)
 - Position: Lecturer
 - Teaching IT-related courses with a focus on discipline expertise and knowledge.
- University of Misan, Iraq (2010 - 2013)
 - Position: Associate Director of Computer Centre
 - Responsible for network administration and supporting a student-centered approach.
- Directorate-General for Education Dhi Qar, Iraq (2005 - 2008)
 - Position: Physics and Math Teacher
 - Delivered teaching activities with a student-centered approach and fostered a positive workplace culture.
- Ministry of Education/Alrujum Education Office, Yemen (2001 - 2005)
 - Position: Physics and Math Teacher
 - Applied a student-centered approach and engaged in external service to the community.
- Directorate-General for Education Dhi Qar, Iraq (1997 - 2001)
 - Position: Physics and Math Teacher
 - Ensured a student-centered approach and external service to the community.

Teaching Experience:

- More than 20 years of teaching experience.
- Current role at TAFE QLD in IT, integrating best practices and contemporary digital technologies into teaching.
- Courses taught and marked at USQ with a focus on student-centered learning and employability, including:
 - CSC8407 Wireless & Internet Technology
 - CSC3420 Mobile Internet Technology
 - CSC8513 Network Performance Analysis
 - CSC3413 Network Design and Analysis
 - CSC8100 Cyber Security Architecture
 - CSC8407 Wireless and Internet Technology
 - CSC3407 Network Fundamentals and Routing
 - CSC8540 Routing and Switching
 - CSC8510 Internetworking
 - CSC3427 Switching, Wireless and WAN Technologies
 - CSC8510 Internetworking
 - CSC8540 Routing and Switching.

Examiner Experience:

- Examiner of CSC3413 Network Design and Analysis
- Examiner of CSC8380 Designing Networks

Published Research:

1. Aljebur, K., Albdair, M., & Addie, R. (2022, November). Cybersecurity of a Fact Certification Network. In 2022 32nd International Telecommunication Networks and Applications Conference (ITNAC) (pp. 50-55). IEEE.
2. Albdair, M. M. (2018). Estimation and application of social network behavior from network traffic (Doctoral dissertation, University of Southern Queensland).
3. Albdair, M., Addie, R. G., & Kist, A. (2018, October). Better Service from Understanding the Social Network Behavior in the Internet. In TENCON 2018-2018 IEEE Region 10 Conference (pp. 0838-0843). IEEE.
4. Addie, R., & Albdair, M. (2018). Antraff traffic analysis software user manual, June 11, 2018.
5. Albdair, M., Addie, R. G., & Fatseas, D. (2017). Social network behavior inferred from od pair traffic. *Journal of Telecommunications and the Digital Economy*, 5(2), 131-150.
6. Albdair, M., Addie, R. G., & Fatseas, D. (2016, December). Inference of social network behavior from internet traffic traces. In 2016 26th International Telecommunication Networks and Applications Conference (ITNAC) (pp. 7-12). IEEE.
7. Addie, R. G., Peng, Y., Albdair, M., Xing, C., Fatseas, D., & Zukerman, M. (2015, November). Cost modeling and validation in network optimization. In 2015 International Telecommunication Networks and Applications Conference (ITNAC) (pp. 11-16). IEEE.

Ongoing Research:

- "Is certain cybersecurity possible, and if so, how?" (Under process)
- "Cybersecurity of Assertion Proving and Fake News" (Under process)
- "Spectral Analysis of Traffic Matrices" (Under process)

Responsibilities Match:

- As an experienced educator, I have consistently integrated best practices, scholarly evidence, and contemporary digital technologies into teaching, fostering a student-centered approach while embedding employability skills, equality, inclusion, and support.
- My research activities have produced high-quality outputs in an ethical manner, generating research income, creating social and economic benefits, and promoting collaboration between academic entities.
- I actively engage in service activities that contribute to a positive workplace culture and engage with external stakeholders to deliver positive outcomes.
- I am committed to ongoing professional development to enhance academic and leadership qualities and maintain currency in contemporary learning, teaching, and research approaches.
- My personal and professional conduct aligns with the highest standards of ethics and teamwork, and I am dedicated to personal, professional, and team development.

References: Available upon request.