Maryam Ahmed AlWashahi,

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Summary of Key Achievements
1. **Instructed a diverse range of subjects** within Computer Science and Cybersecurity.
2. Served as **Deputy Chair** and a member of the **Examination Committee**.
3. Directed and supervised **student competitions**
4. Oversaw students' IT clubs and spearheaded activities for a CTF hackathon.
5. Oversaw the **DR3AK** cybersecurity competitions, securing the title of Best Omani Contributor to the department.
6. Co-authored **research papers** and delivered presentations at **conferences**.
7. **Initiated outreach activities**.
8. Participating **as CO-PI in TRS-funded** projects

Objective

A dedicated and innovative Omani IT professional with a Master's in Information Technology (Cyber Security), offering a comprehensive background in academic teaching, cybersecurity, and student leadership initiatives. Aims to leverage expertise in educational leadership, cybersecurity practices, and curriculum development to contribute significantly to an organization's success. Keen to adopt a proactive approach and commitment to continuous professional development in a challenging environment.

Professional Experience

- Modern College of Business and Science, Muscat, Oman (2022 – present)- lecturer , Mathematics and Computer science depatement.
- Modern College of Business and Science, Muscat, Oman (September 2013- 2022) Coordinator , CEAP.
- Developed and delivered curriculum for various subjects, emphasizing practical application and theoretical understanding.
- Taught Mathematics and Computer Science to non-major and major students, emphasizing hands-on learning and real-world application.
- Supervised and mentored students in competitive IT projects and clubs, fostering a collaborative and innovative learning environment.

Deputy Chair and Examination Committee Member

- Demonstrated leadership in academic administration, contributing to educational programs' strategic planning and quality assurance.

Organizer, Hackathon Activities

- Spearheaded hackathon events, leading the planning, organization, and execution, enhancing student engagement in hands-on cybersecurity challenges.

Education & Professional Development

- **PHD in information Technology** (information security) , Uniten- Universiti Tenaga Nasional, **2024-Present.**
- **Master in Information Technology** (Cyber Security), Modern College of Business and Science, **2017-2019.**
- **BA in Information Systems**, Modern College of Business and Science, GPA: 3.89, **2010-2012**
- **Diploma in Information Communication and Technology**, Modern College of Business and Science, GPA: 3.93, **2008-2010**
- **IT and Network** , Modern College of Business and Science, Muscat (June - July 2010)
- Played a vital role in a pivotal project to establish and maintain network infrastructure, acquiring hands-on experience in network operations and troubleshooting.
- Collaborated with the IT department to enhance the **college's network** performance and security, demonstrating a proactive approach and a keen ability to learn quickly.
- Assisted in implementing network security measures, contributing to developing a more secure and efficient networking environment.

Certifications

- Cyber Security, OHSC, December 2023
- Data Encryption using AWS KMS, UST, May 2023
- Build A solution with Microsoft Azure Machine Learningm , 2022Making the most teams in the classroom, Leadership and policy – education Transformation framework, 2022.
- Contemporary strategy in ELT ,Art of critical thinking ,Rethinking assessment in the new normal era ,April 2021
- Learning to Teach online , UNSW Sydney , 2020
- IC3, Modern College of Business and Science, June 2018
- A+ PHP Programming, ITA + nadrus.com, Excellent Performance, 2016
- CCNA Training, Kamijai Institution, Very Good Performance, 2015
- SAP certificates, Business Process Integration, SAP Business Objects web Intelligence, and Crystal Reports 2011 as SAP Application Associate, 2014
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Skills

- Cybersecurity practices and technologies.
- Network setup and maintenance.
- Curriculum development and online education
- Research and analytical skills.
- Leadership, problem-solving, and communication.
- Professional Development & Workshops.

Community Services

- **Initiated and participated** in outreach activities, demonstrating a commitment to community service and the ability to engage with diverse groups.
- Participated in **numerous workshops** and courses to enhance skills in teaching, cybersecurity, machine learning, and more.
- Engaged in continuous **learning through professional** certifications and research contributions in IT and cybersecurity.

Research Contribution (Paper publications, Preprints, and conference proceedings)

- Mohammed Salah; Abdelfattah, F., Alhalbusi, H., Jassem, S., Mohammed, M., Ismail, M. M., & **Washahi, M. Al.** (2024). *Can Generative AI Craft Variable Questions ? A Mixed-Method Study on AI's Capability to Adopt, Adapt, and Create New Scales.*
- Anisha P. Rodrigues, Roshan Fernandes, P. Vijaya, Maryam Al Washahi, Hothefa Shaker, Predictive Analytics Techniques in the Agricultural Industry: A case study, got accepted, yet to be presented
- Fattah, F. A., AL_Alawi, A., Salah, M., **Alwishahi, M.** ., & Darwazeh, R. (2023). Evaluating Strategic Implementation and Sustaining Therapeutic Lifestyle Changes in Sultanate of Oman: The Impact of COVID-19 pandemic. PREPRINT (Version 1) Available at Research Square, 1(1).
- Abdelfattah, F., AlAlawi, A., Balushi, Salah, M., & **AlWashahi, M.** (2023). Do Marketing Ethics Matter in Formulating Consumers Purchase Intention? Evidence From the Sultanate of Oman. Research Square, 1–17.
- Data security and privacy management, addressing meticulous crime strategies in smart cities" on the **fourth industrial revolution** "Application and practices in Applied and social sciences", 2019
- Comparison and performance evaluation of single path and multipath routing protocols in MANET using network simulator NS_ 2" and got the **First National Symposium** on Emerging Trend in engineering and Management , 2017

References

- **Dr. Fadi Abdelfattah**, Associate Professor and head of the department, Modern College of Business and Science (MCBS), Tel (+968) 99711239, Email: Fadi.Abdelfattah@mcbs.edu.om

- **Dr. Basant,** Instructor in the Computer Sciences and mathematic, Tel (+968) 99615731, Email: basant.info@gmail.com