

RUKAIAH BADRAN

s2601704@ed.ac.uk ◇ 07759014275 ◇ GitHub:RukaiahBadran ◇ LinkedIn:Rukaiah Badran

SUMMARY

An MSc student pursuing Cyber Security, Privacy and Trust. Passionate about the intersection of cybersecurity, digital forensics, and quantum computing. My background proves my ability to work on PhD of the scale the Centre for Doctoral Training in Quantum Informatics offers.

EDUCATION

University of Edinburgh

Edinburgh, United Kingdom

MSc, Cyber Security, Privacy and Trust

09/2024 - Present

- Gaining fundamental security concepts and knowledge of threats and counter-measures.

American University of the Middle East

Egaila, Kuwait

BSc, Computer Engineering

01/2019 - 06/2024

- Graduated with honors with 3.82/4.0 GPA.
- Learned engineering responsibilities and to programme in C, Python and VHDL.
- Was part of the robotics club and won local and international competitions.
- Created an application using Flutter framework to assist the deaf and hard of hearing to communicate with the hearing 70+ languages.

PROFESSIONAL EXPERIENCE

American University of the Middle East

Egaila, Kuwait

Research Assistant

01/2024 - 08/2024

- Assisted in the development and implementation of computer engineering research projects.
- Conducted data-driven research in the scope of NLP in the cyber security sphere, providing data cleaning, analysis, utilising Anaconda, Pytorch, Kaggel, and GitHub to run tests and document to further support the faculty.
- Communicated effectively with team members and professors to coordinate research activities and achieve project goals.

CERN, the European Organization for Nuclear Research

Geneva, Switzerland

CERN Summer Student

06/2023 - 08/2023

- Attended lectures in physics, statistics, and computing lectured by experts in their respective fields.
- Worked closely with a DevOps engineer on a project that involves R&D for optimising automation and improve CMSWEB's Kubernetes clusters.

Google Developer Student Club (American University of the Middle East)

Egaila, Kuwait

Co-founder&Programing Chair

09/2022 - 04/2023

- Collaborated with colleagues in managing activities and classwork to make cohesive experiences for students.
- Taught a workshop on the fundamentals of Cyber Security, executing bash commands in a Linux VM, writing and running Python scripts, and using OWASP and OSINT tools.
- Tutored and guided students to setup IDE's for building application using the Flutter framework and Dart.

TECHNICAL SKILLS

- Programming in C, Go, YAML, Python, and VHDL in FPGA.
- Working in VM's and using cyber security tools such as Nmap, Wireshark, Burpsuite and Sqlmap.
- Fluent in English and Arabic, and A2 in French.
- Manage teams, time efficient and produce documentation on GitHub.