

Mohammad Atrouz

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Education

University of Essex, UK

BEng Electronic Engineering with Honours Class I | Sept 2019

Experience

Kabshak.net, Jordan | Flutter developer (contract) | Jul 2022 - May 2023

- Flutter development, testing and integration for Android, iOS and MacOS application
- Knowledge of SDLC stages and process (CI & CD)
- Flutter state management

venues.me, Kuwait | Flutter developer (contract) | Jan 2022 - Jul 2022

- Flutter development, testing and integration for Android, iOS and MacOS application
- Knowledge of SDLC stages and process (CI & CD)
- Flutter state management

Encoding Arabia, Jordan | Software Engineer | Jun 2021 - Jan 2022

- Flutter development, testing and integration
- Exposure to Flutter state management methods
- Knowledge of SDLC stages and process (CI & CD)
- Project management and software such as Github, Jira and Git
- Asp.Net experience (backend)

Techno World, Jordan | Software Engineer | Nov 2019 - Jun 2021

- Android system development
- Flutter development for iOS and Android
- Knowledge of SDLC stages and process (CI & CD)
- Project management and software such as Github, Jira and Git
- Hardware integration
- Worked with GPS, Wifi, Bluetooth and Cellular communication and standards

UK data archive, UK | Internship | Summer 2019

- Experience in data research
- Data analysis, reporting and visualisation

Research, Projects and Hobbies

Capstone Project, University of Essex | Countering Drones | 2018 - 2019

- Analysis of the control and video transmission between drones and controllers using Software Defined Radio
- Analysis and spoofing of GPS signal
- RF jamming, amplification and transmission, Circuit and PCB design
- 3D design and printing using Autodesk Fusion 360, PLA and ABS

Skills

- Language Fluency:
 1. English (University Degree Studies in English, IELTS 7.5)
 2. Arabic (Native)
 3. Russian (Native)
 4. Spanish & French (Basic)
- Coding: Flutter, Python, Java, C++ and MySQL.
- SDLC Tools: GIT, GitHub, Jira, SCRUM.
- 3D design and printing skills (Autodesk, Fusion 360, AutoCAD)
- Familiarity in working with micro-controllers and FPGAs (MBED and Basys3)
- Computer skills: MS office suite, Adobe suite (Photoshop, Illustrator etc), data presentation and reports
- Data analysis: Python, R programming, MATLAB
- Networking: Cisco CCNA 1, OSI, TCP/IP, Wireshark knowledge.
- Working with a team or individually on a project utilising planning and management techniques and tools such as "Waterfall, Agile, JIRA, etc" and adhering to guidelines for example health and safety