SAMUEL ASQUITH

DevOps Consultant

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○ https://github.com/Sboncio

EXPERIENCE

DevOps Consultant

QA Consulting

📅 July 2020 – Present   📍 UK wide

In this position I trained in all aspects of DevOps, including but not limited to:

- Cloud Computing Services: AWS, Azure and GCP
- Automated pipelines: Jenkins, Git
- Containerisation: Docker, Docker swarm, Kubernetes
- Iaas: Terraform and Ansible
- Databases: MySQL and PostreSQL
- Server-side programming: Python, HTML/CSS and Java
- CI/CD
- Other: Agile, Scrum, Waterfall, Flask, Linux

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Volunteer Programming Teacher

DMU Square Mile

📅 March 2019 – May 2019   📍 Leicester

I volunteered in teaching the fundamentals of programming to primary schools students using Scratch and CodeClub resources.

EDUCATION

BSc (Hons) Artificial Intelligence

De Montfort University

📅 2017 – 2020   📍 Leicester

I achieved a first class honours degree in artificial intelligence where I specialised in automation, machine learning and robotics. I developed programming skills in C/C++, Python and MATLAB. While studying I took part in events learning about embedded system programming, basic penetration testing, robotics, machine learning and encryption.

Btec Level 3 Extended Diploma in IT

NPTC Group

📅 2015 – 2017

I achieved a Distinction* Distinction* Distinction* in this Btec where my study involved various aspects regarding information technology. This ranged from hardware maintenance to fundamental programming.
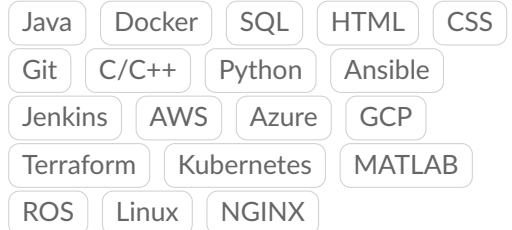
12 GCSEs grade A* - C

Ysgol Gyfun Ystalyfera

📅 2013 – 2015

I achieved 12 GCSEs including english and mathematics

SKILLS

Java   Docker   SQL   HTML   CSS
Git   C/C++   Python   Ansible
Jenkins   AWS   Azure   GCP
Terraform   Kubernetes   MATLAB
ROS   Linux   NGINX

PUBLICATIONS

Applications of Fuzzy Logic in Regard to Autonomous Vehicles

📅 Jan 2020

I wrote a book chapter regarding the implementation of fuzzy logic with sonar sensors into autonomous vehicles for the purpose of detecting and avoiding potential collisions.

CURRENT PROJECTS

- Remote Control Rover (Python, ROS)
- Personal website CV (HTML/CSS)
- Augmented Reality Phone App (Java)

TRAINING

AWS

QA Consulting

📅 July 2020 – Present

In AWS I completed training for:
- AWS Cloud Practitioner.
- AWS SysOps Administrator
- AWS Certified Developer
- AWS DevOps Engineer

Azure

QA Consulting

📅 July 2020 – Present

In Azure I completed training for:
- Azure AZ-900 Exam
- Azure AZ-104 Exam
- Azure AZ-204 Exam