

# SAMUEL ASQUITH

## Developer

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## EXPERIENCE

### Associate Developer

#### IBM CIC

📅 Feb 2021 – Present 📍 Leicester

As a member of the IBM CIC, I trained as a full-stack developer before moving to work on various projects for clients. In this position I continue with technical education while working on projects, ensuring I am aware of any new functionality and technologies that could enhance my work.

### DevOps Consultant

#### QA Consulting

📅 July 2020 – Jan 2021 📍 UK wide

In this position I trained in all aspects of DevOps, ranging from web development to deploying on remote cloud servers effectively and safely, ensuring operation in all circumstances.

### 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 - First Class

#### 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, mathematics and science.

## SKILLS

Java Docker SQL HTML CSS  
Git C/C++ Python Jenkins  
AWS Azure Kubernetes MATLAB  
ROS Linux Bash/Powershell  
Javacript React Vue.js

## PROJECTS

- I am currently developing a drone designed to navigate unknown environments autonomously while avoiding collisions and mapping the environment. The aim is to create the chassis, connect the components and write all necessary code in Python and C++.
- I am currently part of a volunteer training course aimed at increasing diversity in the IT sector, and generally increasing enthusiasm around technology and programming.

## ADDITIONAL QUALIFICATIONS

- AWS Certified Cloud Practitioner