Ollie Rowles, Software Engineer

Oxfordshire, United Kingdom

LINKS

LinkedIn, GitHub

PROFILE

I'm passionate about problem-solving through code and software. I enjoy learning about the capabilities of the latest technology and currently looking for my first graduate Software Engineering role.

As a highly motivated learner, I have enjoyed spending time learning new skills such as web development, Python scripting and blockchain development, pushing my skills beyond my studies - I like seeing different ways code can be used to create products and solutions.

EDUCATION

Sep 2019 — Present

BEng (Hons) Mechatronic and Robotic Engineering w/ Year in Computer Science, University of Birmingham

Birmingham

- Relevant Modules - Full Stack Development, Data Structures, Algorithms and Databases, Building Usable Software/UML Design, Internet of Things, Telerobotics and Augmented Reality
- Built a multi-client-server application using TCP protocol and OOP principles in Java, where users can make a request to a PostgreSQL database
- Worked in a group to produce software design documentation for a Commonwealth Games 2022 Track and Trace system through UML modelling, prototyping and testing

Sep 2012 — Jun 2019

A Levels and GCSEs, Wood Green School

Witney

A Levels

Mathematics - A, Physics - B, Biology - B

EPQ: 'An Analysis of Cryptocurrency and Bitcoin' - A

National Baccalaureate – Bronze Award 2018

GCSEs

10 A* - B including Mathematics, Computer Science, Additional Science, History, etc.

PROJECTS

AlbumWatch

- Full-stack web application allowing the search of albums and lyrics through Spotify's API
- Dynamically changing content based on user search through React hooks and state
- User authentication control through hooks and Axios backend
- Technologies used: React, JavaScript, HTML/CSS, Axios, Spotify Web API, LyricsFinder API

SKILLS

Java	VHDL
Python	Git/GitHub
HTML/CSS/JavaScript	PostgreSQL
React.js	Agile Methodologies

EMPLOYMENT HISTORY

Feb 2020 — Present

IT Assistant, IT Service Desk, University of Birmingham

Birmingham/Remote

- Providing 1st line computing support to academic, administrative/support staff and students working across the front desk and the back office dealing with phones, live chats and web calls
- Developed knowledge of the universities' IT infrastructure and software services in order to be best placed to deal with and triage calls
- Liaising with members of other technical teams, updating service pages and social media

- Contributing to the collective technical knowledge system and staying up to date with new technology and hardware related to teaching and learning
- Ensuring data protection standards are upheld while dealing with sensitive data within the university systems

Mar 2020 — Apr 2022   **Customer Assistant, Tesco**   Witney

- Working on tills and putting out stock within the small store. Ensuring stock is arranged well and customers are dealt with quickly and politely
- Adapting to changing guidelines in line with the pandemic and ensuring such standards are met

Oct 2017 — Aug 2019   **Supermarket Assistant, Waitrose & Partners**   Witney

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COURSES

May 2022   **The Frontend Developer Career Path, Scrimba**

Jul 2021   **Internship Experience UK: Technology, Bright Network**

HOBBIES

- Member of the UoB Jiu-Jitsu sports club
- Working for the tech department at the Guild of Students, helping put on club nights and live performances
- Self-taught guitarist, favourite genres are rock and indie rock
- Following Oxford United FC