BEA MAXWELL

SOFTWARE ENGINEER
(SHE/HER)

CONTACT

- 07504 922553
- bea.maxwell@proton.me
- beamaxwell.co.uk
- Mount Vernon, G32 9QW

EDUCATION

2019 - 2021 • Glasgow Caledonian University
- **BSc (Honours) Computing**
- Achieved **Pass with Merit** in third year
- Achieved a **First Class Honours** in my Final Year

2017 - 2019 • City of Glasgow College
- **HND & HNC**
- Achieved an **A in both qualifications**.

SKILLS

- C# (.NET Core, .NET MVC, WPF)
- TypeScript (React, Angular)
- JavaScript (React Native, Electron)
- HTML/CSS/Sass
- SQL (MySQL, T-SQL)
- VBA
- Java (Spring, Android)
- PHP (Drupal, Laravel)
- Bash/Batch
- Cloud (Azure)
- CI/CD (Git, Azure, Jira, Docker)

WORK EXPERIENCE

Software Engineer

Arcadis   2021 - Present

- Working as a Full-stack developer within a UX team for Transport Scotland, handling the implementation and design of the user experience for a back-office solution using Angular and .NET Core.
- Worked on a React/.NET Core project for the NTA to provide a transport route management system for rural areas of Ireland.
- Contributed to the development of an open-source Python plugin for QGIS to model flood risk, this plugin is available at https://github.com/NRCan/CanFlood.
- Automated the resource forecasting process to reduce the time required from business analysts to create detailed forecasts of resource expenses.
- Created a WPF application to segment images for use with one of Arcadis IBI's road network systems.
- Researched and explorered ideas for an image segmentation convolutional neural network for use with Arcadis IBI's various clients.
- Conducted extensive testing of frontend solutions using Cypress, Selenium and Jest resulting in fewer bugs reaching production.
- Engaged in company events to contribute new ideas for projects and attending software conferences with the development team.

Bartender

Driftwood Bar   2020-2021

- Maintaining stock levels to prevent shortages and ensure all menu items are available.
- Welcoming and greeting guests to provide a pleasant atmosphere and deliver a satisfactory customer service.
- Working with a small team of bar staff to ensure the smooth operation of the bar.
- Taking part in bar promotions to sell products to customers and boost sales of less popular products.

IT Assistant

Railway Engineering Associates Ltd   2016 - 2017

- Tasked to aid with the implementation of a new technology system.
- General maintenance of PC equipment including troubleshooting hardware and maintaining critical hardware used to run bridge simulations.
- Database organisation and converting documents into database records.