WILLIAM AINSWORTH

Software Developer

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EXPERIENCE

Associate Software Developer
SAS Institute

📅 June 2020 – Present   📍 Glasgow

- Utilized UX design documents to create high quality (a11y compliant) component library used across SAS products.
- Upgraded Visual Investigator's client-side from AngularJS to Angular.
- Planned and led team retrospectives.
- API Development on multiple projects: database integration, enabling solutions developers.
- Familiarity with deploying using Linux, Docker, and Kubernetes as part of CI/CD.

Lab Demonstrator / Team Coach
University of Glasgow

📅 Sep 2019 – May 2020   📍 Glasgow

- Enabled students to learn Object-Oriented Design with Java and Data Science with Python.
- Enhanced my leadership via a JPMorgan program focused on professional software development techniques; pair-programming, scrums, retrospectives, TDD.
- Mentored a 3rd year team as they developed a web-app for a client.

Intern
SAS Institute

📅 June 2019 – Sep 2019   📍 Glasgow

- Designed and implemented performant search solutions using Elastic Search in Java.
- Created fullstack feature that enabled users to transfer data seamlessly between SAS applications in order to generate reports. Including a UI compnent to track it's progress in real-time.

Reservist Soldier
British Army

📅 May 2017 – Present   📍 Glasgow

- Trained in Data gathering, analysis and presentation techniques to enable commanders to make timely and critical decisions.
- Organised, scheduled and led military training exercise as a section commander.
- Always strived for the best outcome despite lack of resources or the difficulty of the challenge.
- Integrity and courage are two key components of my Army training I choose to practice in all aspects of my work.

EDUCATION

BSc in Computer Science - 2:1
University of Glasgow

📅 2016 – 2020

ABOUT ME

Computer Science Graduate working as a FullStack Software Developer. Training with the British Army as a reservist soldier in my spare time, always looking to better myself.

SKILLS

Angular   TypeScript   CSS   HTML   Django   Java   Docker   Git   Gerrit   Jenkins   Go

CERTIFICATIONS

Building Modern Web Applications with Go
Udemy

📅 April 2020

Software Development Fundamentals in C#
Microsoft

📅 June 2016

PROJECTS

- Hackathon Winner SAS R&D "Do you have the GUTS?"
  - Interactive map of crime data that enabled citizens to explore their city based on calculated safety level.
- Order and Transaction System for family catering business.
- Django Web App for organising University socials called Pubway.
  - Subway based pubcrawl web app with Google maps integration.
  - Enabled society organisers to create an account, plan a route and share with other users.
- Property Rental Web App using Go.
- Final Year Project - Interactive Mass Spectrometry Data Visualisation library created with d3.js.
- 2021 GMTK Game Jam - Cannibal Rail - FPS survival game made in 48 hours in Unity.