Osian Jones

Software Engineering with a Year in Industry

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EXPERIENCE

CGI, Reading — *Technical Placement in Space, Defence and Intelligence*

July 2023 - July 2024

Delivered complex technical challenges with secure, end-to-end solutions while gaining extremely valuable experience through a year in industry.

- Contributed to the development of a web application using C# and ASP.NET, ensuring clean, maintainable and efficient code.
- Implemented 33% of all bug fixes while following Scrum and Kanban methodologies, participating in quality assurance and collaborating with cross-functional teams to develop strong supporting documentation.
- Configured continuous integration and continuous deployment pipelines using Azure DevOps, leading to a 4x reduction in release times.
- Provided technical support to our on-site engineers using Microsoft SQL Server and Visual Studio.
- Lead the implementation of automated testing frameworks such as Eggplant and Selenium, to reduce testing efforts by 200% and increase code confidence.
- Researched cutting edge A.I technologies in both artificial and spiking neural networks.
- Participated in Azure DevOps ticket tracking and Git source control to build, test and release effectively.
- Setup cloud servers through Amazon Web Services (AWS) and Windows Server.

EDUCATION

Swansea University, Swansea — *Software Engineering with a Year in Industry*

September 2021 - June 2025

Bryntirion Comprehensive School, Bridgend

September 2014 - September 2024

SKILLS

Soft Skills including:
-Collaboration
-Problem-Solving
-Communication
-Time-management
-Adaptability

Technical Skills including:
-Java, C#, JavaScript, Kotlin
-Databases
-Development Environments
-DevOps
-Testing
- Agile
-Artificial Intelligence

AWARDS

Achieved strong academic A-level results, showcasing depth and versatility:

Computer Science - A*

Chemistry - A*

Biology - A*

On track for a 1st class degree award.

High GCSE results, with particular strengths in Computer Science and Mathematics: 7 - A* 4 - A