

Oisín Henry

SOFTWARE ENGINEERING · UNDERGRAD

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Summary

Computer Applications undergrad at DCU. Final semester of degree. Working on final-year project and searching for a full-time software engineer graduate position. Interested in all avenues of software development but currently enjoying server / API work. Outside of university, my interests are in game development and music production and I work part-time as a carpenter.

Education

Dublin City University

Glasnevin, Co. Dublin

B.SC. IN COMPUTER APPLICATIONS - SOFTWARE ENGINEERING

2017 - 2021

- Finals in May 2021 - Graduation in November
- 3rd year: 2.1
- 4th year: 1.1 (ongoing)
- Working on full-stack React Native/Python/SQL app for final-year project.

Work Experience

FIRE1 Foundry

Glasnevin, Co. Dublin

MEDTECH - REMOTE MONITORING DEVICES

March 2020 - September 2020

SOFTWARE ENGINEERING INTERN

- Built fully automated CI/CD pipelines on Gitlab for multiple code bases spanning the stack. Some application components were containerised which required AWS ECR rolling authentication and docker set up on the CI server.
- Oversaw localisation updates to the client GUI (Angular/CSS) application for multiple languages. Validated translations and implemented them in the GUI.
- Undertook multiple projects involving low-level Linux kernel work on product hardware. Included various bug-fixing cycles as well as writing scripts to programmatically update the kernel image and manage all related dependencies.
- Drafted Configuration Item Inventories for multiple software components to manage versioning and updating of dependencies.
- Worked on some exploratory projects writing Amazon Alexa skills to manage customer interaction with products.

Skills

Proficient:

- Python
- Server / API implementation
- Linux low-level work / shell scripting
- Git version control and CI/CD pipelines

Comfortable:

- Java
- Frontend JS frameworks (React +Native, Angular, etc.)
- Databases
- Testing and validation