

CALVIN POWER

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EDUCATION

University Of Limerick

BS Computer Science *GPA: 3.84*

Limerick,Ireland

Sep 2019 - May 2023

WORK EXPERIENCE

Toast

Summer Software Engineer Intern

Dublin,Ireland

May 2022 - August 2022

- Worked in the Ministry of User Team overseeing all things related to authentication, authorization, and user workflow related.developing and maintaining core services and repositories in Toast, including integrations, managing users, authentication, and access control.
- Worked with Kotlin development with a back-end focus working on bug fixes and stories

Regeneron

Automation Intern

Limerick,Ireland

May 2021 - Jan 2022

- Responsible for assisting with the design, implementation, and maintenance of computerized process control and process monitoring systems in a biopharmaceutical manufacturing cGMP environment for Regeneron's Industrial Operation and Product Supply organization
- Supported engineering projects and manufacturing activities with process control and process monitoring equipment software design, commissioning, and testing to meet end user requirements
- Supported automation activities by updating or modifying system specifications, user and functional requirements specifications, and executing necessary test protocols
- Lead and developed a in-house tracking software to keep track of team resources and the states of projects to provide a real-time solution to directors and the team to keep track of work currently being performed and handled the document and hand-off to other employees as I left the internship using python,HTML and CSS
- Lead and developed a in-house training software for new employees to gain experience on the PLC's and HMI's before going on-site which is still used and housed within the campus python,HTML,CSS,Ignition and other SCADA/HMI tools

University Of Limerick

Technical support in ITD

Limerick,Ireland

Jan 2021 - May 2021

- Role providing support to PDSL tutors delivering lectures online via BigBlueButton.

SKILLS

Programming Languages: Java, Python, JavaScript/CSS/HTML, C++, C, SQL, Bash, Kotlin
Framework and Libraries: Node.js, React, Splunk, Ignition
Tools: Git, Linux, AWS, Jira, PowerBI, ProjectPlan, DataDog, Sentry

PROJECTS

Portfolio Website *JavaScript, Html, React, CSS*

Website built to showcase some of my projects

<https://calvinpower.ie/>

Path-Finding Visualizer *JavaScript, Html, CSS, React* <https://calvin224.github.io/PathFindingVisualizer/>

A program to visually showcase pathfinding algorithms

Self-Driving Car *JavaScript, Html, CSS*

https://calvin224.github.io/Self_Driving_Car_Visualizer/

Self-Driving Car Visualizer built using javaScript with no external libraries visualizing how the neural network learns and how each generation mutates

Zork! *C++, QT*

<https://github.com/calvin224/Zork>

Zork inspired text adventure game with random mob and item generation simulating a rouge-lite experience

AWARDS

Huawei Seeds Of The Future Scholarship Recipient And Alumni 2021

Huawei

Was selected as one of the students to receive a scholarship for work performed during the program. Nov 2021

Bronze President's Volunteer Award (PVA)

University Of Limerick

Received Bronze PVA for volunteer work done during 2nd year.

May 2021

Presidents Letter

University Of Limerick

Received Presidents Letters in recognition of achieving a high QCA

May 2021