

Harrison Camm

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LinkedIn | Github |

Technical Skills

Programming Languages: Java, Javascript, Typescript, Python, C, SQL, Bash

Web Development: Springboot, Thymeleaf, React, Express, Node.js, MySQL, Firebase, HTML, CSS, MUI, Bootstrap

Frameworks/Tools: Git, GitLab, Agile Scrum Development, GitLab CLI, Postman, Visual Studio Code, IntelliJ, Kali Linux

Other Skills: Computer Networks, Operating Systems

Projects

Excess Alpha (2022) - [Website](#) | [Code](#)

Developed a React web application that delivers financial visualizations and insights on publicly traded companies using the Financial Modeling Prep and IEX APIs.

Gamers Grove (2024) - [Website](#) | [Code](#)

Worked in a team of 8 to develop a full-stack web application where users can create and share virtual gardens, utilizing Spring Boot for the backend and thyme-leaf for the front end.

HeliRig Project (2024) - [Demonstration](#) | [Code](#)

Worked in a pair to Implement a PID controller for a HeliRig in C in this project using a TIVA TM4C microcontroller.

- Wrote code to control the helicopter's altitude and yaw through interrupt-driven processes.
- Fine-tuned PID gains and managed real-time sensor input
- One of the few teams who calibrated their HeliRig to a level suitable for testing on an actual rig.

Work Experience

IT Assistant - Smith Cranes (06/2023 - 02/2024)

Tasks included: Phone/Laptop Setups, PowerShell/python scripting, troubleshooting network problems, setting up cameras, and establishing their IPs on the network.

Education and Qualifications

Graduation Diploma - Burnside High School - Gold Service Award

NCEA Level 1 Excellence Endorsement, Burnside High School, 2017

NCEA Level 2 Excellence Endorsement, Burnside High School, 2018

- Digital Technologies - Excellence
- Physics - Excellence
- Mathematics - Excellence
- English - Merit

NCEA Level 3 Merit Endorsement Burnside High School, 2019

Achievements

UC Innovators' Summer Start-Up Scholarship (2022)

My Stock Website earned me this scholarship. The UCE Summer Startup program is a 10-week program to help students progress their business ventures.