

# Harrison Camm

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[Website](#) | [Linkedin](#) | [Github](#)

## Technical Skills

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

**Web Development:** Springboot, Thymeleaf, React, React Native, Express, Node.js, MySQL, Wordpress, 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

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**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.

**Movie Database Website (2023)** - [Code](#)

In React using Typescript, Nodejs, and Express, developed both the frontend and backend for a IMDB like website for information about movies.

**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.

**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.

## Work Experience

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**Checkout Assistant - New World** (02/2020 - 02/2023)

**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

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**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

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**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.