

HARRISON COOK

Software Engineer



Contact

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About Me

Hailing from what my friends affectionately call a '*singing cult*,' my formative years were steeped in music and the performing arts. Now, I've traded sheet music for syntax; my compositions resonate through elegant algorithms, harmonizing data structures and orchestrating efficient solutions. I'm described by teachers, employers and peers as an organized, bubbly, resilient, and reliable individual.

Education

BE (First Class Honors)
Software Engineering
+ *Networked Applications*
Victoria University
2018 - 2021

Skillset

Professional

TypeScript, NodeJS 📄
C#, .Net .NET
Azure Cloud ☁
Terraform (IaC) 📄
GitHub, Azure (CI/CD) 🔗

Direction

Rust 📄
C, C++ 📄

Exploration

Ruby 📄
F# 📄

Career Objectives

As an emerging professional with 3 years of industry experience, I am passionate about contributing to **product-centric** and **customer-oriented** software initiatives. I excel in team environments that promote creativity and innovation, and I am just as capable when it comes to independently steering projects to success. My ambition is to further develop and hone my technical abilities within a forward-thinking organization that values both collaborative effort and personal responsibility. Ultimately, I aspire to specialize in the foundational aspects of programming, delving into the intricacies of code and system design.

Work Experience

Z Energy

Intermediate Developer
Graduate Developer

[May 2022 - Present]

[Nov 2021 - May 2022]

- Utilized TypeScript and C# to build Function Apps, Web APIs, and more.
- Developed infrastructure as code using Terraform for Azure Cloud resources.
- Set up CI/CD pipelines with GitHub Actions and Azure Pipelines.
- Enhanced legacy systems and align them with current standards.
- Conducted incident investigations in the Azure Portal.

Raygun

Intern Developer

[Nov 2020 - Feb 2021]

- Developed the React-Native "raygun4reactnative" NPM library.
- Integrated together Android, Apple and Raygun APIs.

Victoria University

Tutor

[Mar 2019 - Nov 2021]

- Supported Software Engineering and Networking Engineering disciplines.
- Honed the ability to communicate adeptly with individuals across a spectrum of technical understanding.

Projects

Programming transcends just being a profession for me; it's a passion, a pastime, and a way of life. Below, you'll find a selection of projects that I pursue as personal endeavors.

- **curriculum-vitae:** [HTML, CSS, JS] - Portfolio Website
- **browser-home:** [HTML, CSS, JS, Webpack] - Custom Browser Home
- **cookie-nvim:** [Lua] - Neovim Configuration
- **ira-street-chores:** [TypeScript, React-Native] - Mobile App for flat management
- **m5stack-ble:** [C++] - IoT ESP32 BLE Network
- **Hardware:** [Keyboard, PC] - 40% Keyboard and PC Building

References (Available On Request)

Professional: Z Energy [Head Of Development], Raygun [CEO]

Personal: Piano Teacher [8 years]