

# Aaron Guo

Second Year Software Engineering Student

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[/PolarWolf314](#)

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## Education

**University of Auckland** — Software Engineering (GPA: 8.3)

📅 Mar 2021 - present

## Experience

**MyTuition** — CIE AS Math and Physics Tutor

📅 Mar 2022 - present

Verbal Communication Problem Solving Tutoring

- Planning and working with students to help them achieve their full potential
- Helping students grow confidence in subjects and achieve higher grades
- Requires fast thinking as students often throw questions I need to answer on the spot

**Avondale Taekwon Do** — Assistant Instructor

📅 Jan 2018 - present

Team Focused Verbal Communication

- I achieved my black belt in 2019, which required seven years of hard work and dedication
- I work closely with students to help them achieve gold and silver awards in Regional Tournaments
- One of my students was on track to becoming the youngest black belt in NZ before COVID
- Requires clear verbal and demonstrative communication

**Myself** — Server Developer and Maintenance

📅 Jan 2022 - present

Bash nginx Cloudflare Linux Problem Solving Analytical Thinking

- I run a private server using Ubuntu Linux
- I privately host NextCloud, websites, code-server, Minecraft, and Home Assistant
- I used nginx and Cloudflare to set up a reverse proxy for the domains needed for hosting apps
- Demonstrates strong problem-solving and learning skills to work my way around a UNIX-based command line operating system

## Featured Projects

**React Websites**

React

I completed 14 small React website projects as a part of my online learning. Replace the 02 in the URL with integers up to 15 to see the other projects. ↗<https://polarwolf314-react-projects-02.netlify.app>

**E-Commerce App (Work in Progress)**

React Firebase SCSS

This is the Capstone Project for React JS Zero to Mastery. It is still a work in progress but will eventually utilise Stripe, GraphQL, Firebase, and React for a fully responsive e-commerce app. It has Google and email authentication, with a basic cart system. ↗<https://polarwolf314-ecommerce.netlify.app>

**Avondale Taekwon Do Website**

HTML CSS JS

This was one of my first projects regarding web development. I made this two days after I started learning web development for the first time. My eventual goal is to refresh this website using React and making it fully responsive using Tailwind CSS. ↗<https://polarwolf314.github.io/AvondaleTKD/>

**Artificial Intelligence Doodling Model Game**

Java JavaFX Maven Git GitHub

This is the Cornerstone Project for my formal education using Java and JavaFX to make a drawing game with four unique game modes. I worked collaboratively with two other teammates using GitHub. It has 40 pull requests and over 200 commits.

↗ see all of my projects on my portfolio: ↗<https://github.com/PolarWolf314>

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## Achievements

### University of Auckland — Deans List (Part II)

📅 Dec 2022

- Part II Software Engineering Deans list (top 5% of cohort or GPA of 8.25 or above)

### ASPIRE International Music Festival — Gold and Silver

📅 June 2019

Team Focused | Fast Learner

- I was an integral part of Avondale College Music, achieving first and second place in an international music competition
- I needed to learn a new instrument on short notice to fill in a required spot

### Avondale College — Gordon Cole Music Award

📅 Nov 2020

- Recipient of the prestigious Gordon Cole Music Award, only for the top musician

## Skills & Tools

Underline indicators

Frequently Used

Occasionally

### Skills

Team Focused | Fast Learner | Analytical Thinking | Verbal Communication  
Written Communication | Problem Solving | Tutoring

### Operating Systems

macOS | Windows | Ubuntu Linux

### Languages

FE related: HTML, CSS/SCSS, JavaScript  
BE related: Java  
Extra Languages: Bash/ZSH, LaTeX, Python, Markdown, MATLAB, C, R

### Technologies

UI related: Tailwind CSS, Material UI, JavaFX  
FE related: React  
BE related: Firebase, MongoDB

### Tools & Softwares

Coder related: Git, GitHub, VS Code, JetBrains IDEs, code-server, Node.js  
Designer related: Figma  
Other tools: NextCloud, nginx, CloudFlare