

# Damon Greenhalgh

## Software Developer



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Auckland, New Zealand

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Final year Bachelor of Science student at the University of Auckland looking for opportunities to deepen their knowledge of web development. Eager to learn, discover a new way to approach a problem, and apply newfound knowledge to solve it. To collaborate with a team of like-minded individuals and build software solutions to change the world.

### SKILLS

**Languages:** HTML/CSS/JavaScript, TypeScript, Python, Java, C/C++

**Technologies:** ReactJS, NodeJS, ExpressJS, MongoDB, Firebase, Git, Github, AWS

**Software:** Figma, Photoshop

### RELEVANT EXPERIENCE

#### Project Manager - Spatial Skills Testing Platform (CS399)

July 2022 - Present

Technologies: HTML/CSS/JavaScript, MongoDB, Firebase, Git, Github Projects, AWS

Repository: <https://github.com/uoa-compsci399-s2-2022/spatial-skills-web-app>

- Implemented the **agile scrum** methodology for project management.
- Hosted tri-weekly standup meetings, with sprint retros at the start of every week, documented with **meeting minutes**.
- Planned sprints, issues and stories with **Github Projects**.
- Liaison with stakeholders every fortnight to present project progress and direct future sprints based on client feedback.

#### Full Stack Developer - Virtual Patient Simulator (WDCC)

April 2022 - Present

Technologies: HTML/CSS/JavaScript, Sass, MongoDB, Firebase, Git

Repository: <https://github.com/UoaWDCC/VPS>

- Implemented features to improve the user experience of the product.
- Prototyped new features with **Figma**.
- Abstracted original architecture to utilize **graph theory** concepts. This enabled the development team to painlessly extract important statistics the client wanted.

#### Personal Project - XIV Tracker

January 2022 - July 2022

Technologies: HTML/CSS/JavaScript, ReactJS, REST, AWS

Repository: <https://github.com/DamonGreenhalgh/xivtracker>

Deployment: <https://www.xivtracker.gg>

- Built a web application that tracks player data from the critically acclaimed game Final Fantasy XIV.
- **Responsive** design-driven development to support all resolutions and views (including mobile).
- Deployed with **AWS Amplify**.

### EMPLOYMENT

#### Optical Assistant - John O'Connor Optometrists

February 2020 - June 2022

- Developed interpersonal skills through communication with colleagues and suppliers.
- Advised clients of their lens and frame choices based on their prescription.
- Refined my attention to detail through spectacle adjustments and repairs.

#### Teaching Assistant - The University of Auckland

July 2022 - Present

- Responsible for marking over 200 students enrolled in **CS220 - Algorithms and Data Structures**.

### EDUCATION

#### The University of Auckland

March 2020 - Present

Bachelor of Science, Computer Science and Mathematics

*Referees available on request*