

# Jason Liu

## JUNIOR DEVELOPER



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Looking for a new role as a software developer in Melbourne, I've built a strong technical foundation in software development, while also honing my professional skills through volunteer work. I work hard to make sure that the project meets the deadlines set and take it upon myself to create a positive team environment. But I'm always looking at ways to improve the applications I build by constantly investigating new technologies and planning my projects thoroughly.



## EMPLOYMENT

2020 – Present

- **JUNIOR DEVELOPER** – *Downer NZ*
  - ✓ Average development time of **2-3 months** from discussing the idea with the client to deploying complex, full-stack applications
  - ✓ Developed multiple applications for versatile use cases, such as data management, visualization and analytics
  - ✓ Custom built an array of features including notification systems, interactive maps and customizable, data manipulation of graphs
  - ✓ Extensive use of Django, JavaScript, HTML and HTMX
  - ✓ Extensive use of native web technologies, such as web components and web sockets
  - ✓ Experienced the whole development lifecycle, from planning to completing the application



## TECHNICAL SKILLS



|            |            |                  |         |         |         |
|------------|------------|------------------|---------|---------|---------|
| Python     | TypeScript | JavaScript       | jQuery  |         |         |
| HTML       | CSS        | SCSS             | Gatsby  | React   | Angular |
| Django     | FastAPI    | NodeJS           | Express | GraphQL |         |
| Postgres   | MongoDB    | Redis            |         |         |         |
| Figma      | Canva      | Microsoft Office |         |         |         |
| Github/Git | Dbdiagrams |                  |         |         |         |
| Mapbox     | Highcharts | Contentful       |         |         |         |

2018 – 2021



## EDUCATION

### ● BACHELOR OF ENGINEERING (HONOURS) – *University of Auckland*

MAJOR: Mechatronics Engineering

I graduated in 2021 with First Class Honors, and a GPA of 8.0.



## PERSONAL PROJECTS

*These are applications that I built and designed myself to practice my skills*

*Click the links to see the deployed application.*

*Feel free to visit my [Github](#) profile to see the repositories for each application*

- [Personal website](#) - *Deployed*
  - ✓ Static side website built to display my experiences.
  - ✓ Focused on creating a clean but intuitive user experience.
- [Waves](#) – *Deployed*
  - ✓ Web application used to categorize songs, and provide recommendations based on their songs with machine learning.
  - ✓ Focused on creating ML integration and performance optimisation.
- [Chai](#) – *Deployed*
  - ✓ Web application used to document the lives of soft toys.
  - ✓ Focused on custom authentication, animations, theming and performance optimization.
- [Latte](#) – *Deployed*
  - ✓ Image categorization website used to store and organize photos.
  - ✓ Focused on full CRUD functionality.
- [Salt](#) – *Deployed*
  - ✓ Web application designed record recipes like a cookbook.
  - ✓ Focused on integrating a CMS, to make it easier for users to add recipes.



## VOLUNTEER

- 2022 ● Software Developer for *Teacher on Wheels*
  - ✓ Used NodeJS to create an automated emailing feature
- 2022 ● Board Member for *Volunteering New Zealand's Youth Working Group*
  - ✓ Pioneered the first group within VNZ to support youth volunteers
- 2022 ● Frontend Developer for *The Good Registry*
  - ✓ Helped to develop their website using HTML and CSS
- 2021 ● Secretary, Graphic Designer and Grant Writer for *Applause Charity*
  - ✓ Preparing/formatting all documentation for the charity
- 2022 ● Consultant within the *Young Professional Sustainability Governance Group*
  - ✓ Preparing thorough documentation on sustainable event planning



## ACCOMPLISHMENTS

- 2021 ● Distinguished Graduate Award from the *University of Auckland*
- 2019 ● Oratory Shield Winner from the *UoA Debating Society*
- 2017 ● NZQA Scholarship award from NZQA (Calculus, Statistics, Classics)