

# James Robiony-Rogers

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## CAREER OBJECTIVE

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I am currently seeking internships opportunities as a Full-Stack Developer that will allow me to build on my communication, leadership and self driven nature while continuously expanding my skill set. My short-term goal is to gain hands-on experience as a full-stack developer, collaborating on real world projects. In the long term, I am aiming to progress into a senior role, bringing my knowledge and leadership to manage a team of developers.

Outside of my professional pursuits, I enjoy mountain biking, playing hockey, flying my drone & tinkering with cars

## EDUCATION

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### Bachelor of Science at University of Otago

GPA: 8.4

Graduating Dec 2024

- Double Majoring in Software Engineering & Computer Science

## DETAILED EXPERIENCE

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### AkoTech (Code Camp)

Oct. 2022 - Feb 2023

Tutor & Instructor

Reference upon request

Wellington

During my summer break I worked with CodeCamp to provide quality programming education to primary and intermediate aged students. With a focus on student success, I had a key role in facilitating group projects, providing one-on-one teaching, and creating a positive learning environment through our class room sessions and holiday programs. My strong communication skills and ability to help students overcome obstacles, made me a valuable member of the AkoTech team.

### New World, Churton Park

Oct. 2022 - Feb 2023

Grocery & Produce Assistant

Reference upon request

Wellington

During the summer break I also picked up part time work working in both the Grocery and Produce departments. Through out my time at New World I worked both the opening and closing shifts. I was thus responsible for making sure the department was presentable, merchandise was appropriately stored and the store room was ready for deliveries. Working at New World helped me work on my communication and customer service skills which I have brought with me when working on group project at University.

### Website Redesign Team

2021

Member

Reference upon request

Onslow College, Wellington

I was involved in the school's Website Redesign Team, where I collaborated on wireframe designs and helped present them at meetings between our team and the developer.

## PROJECT EXPERIENCE

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### ANDIE - A Non Destructive Image Editor

University Group Project

March - June 2023

For our University group project, I volunteered to lead a team of five engineers in developing ANDIE, a Non-Destructive Image Editor using Java and the Swing library. We chose to use Jira for project management, a widely-used industry tool. Some of my responsibilities included ensuring everyone was comfortable with their tasks, organising regular meetings to track our progress and distribute work effectively. I also chose to critically assess my performance during the first spring, implementing improvements to my team management techniques.

### Personal Web Portfolio

Personal Project

January 2023

During the summer break I began learning React applying my learnings towards upgrading my portfolio. I did this with the goal of displaying my pinned Github repositories using Github's GraphQL API. I did this as I wanted to improve my technical skills around working with external data sources. My portfolio can be found [here](#).

In my spare time, I am currently working towards improving my supermarket receipt reader, as I believe this could be a viable product for students flatting.

As this was a solo project, this meant I planned, managed and developed it myself. Through out the design stage I was responsible for communicating the colour schemes, font pairing and mock-ups for iterative development with the client and stakeholders. In order to keep track of progress I used tools such as Trello, ClickUp and GitHub. By the end of the project I delivered a functional outcome to the client.

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## **SKILLS SUMMARY**

### **Problem Solving**

One of the main things that sets me apart from my peers is my passion for solving complex problems. An example of this was during the development of my web portfolio when I wanted to display information data using GitHub's API, but had never dealt with external data sources before. To achieve my goal, I broke down the problem into smaller more manageable problems such as researching different kinds of APIs, then the implementation details, followed by a test example. And now the projects section of my website is the result of my persistence through problem solving.

### **Communication & Leadership**

In addition to my problem solving skills, my experience leading my college's first XI hockey team and University group projects have taught me how effective clear communication and asking for help is, in a team environment. As I volunteered to be the project lead on our group project ANDIE, I had the responsibility of organising and managing our team of developers. This meant I was monitoring the overall progress of the project along with the how everyone was tracking with their tasks as well as communicating any blockages and updates to the team.

I took part in my College's Website Redesign Team in my last year studying at high school. This included working in a team with fellow students, teachers and alongside an Australian based developer. This further contributed to my team and communication skills in a work environment.

### **Self Development**

My self-motivation, curious nature and strong work ethic helps drive me to continuously seek how I can develop both my soft skills and technical skills. I have shown this through volunteering to be the project lead in my most recent group software development project and through my personal projects.

Of which, my most recent one was for processing super market receipts, with the goal to develop a product allowing flatmates to calculate the portion of the bill each person is responsible for. This was in response to a need for such an app in my flat.

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## **TECHNICAL SKILLS**

### **Java & Object Oriented Programming**

- I have been practicing Object Oriented Programming through out my senior years of College and University study where I have developed basic GUI systems and studied Algorithms & Data Structures using Java

### **Python & R**

- I gained experience programming in Python through creating Pygames in my spare time as well as completing a number of assessments during my studies.
- Through out my studies I completed an introductory data science paper where we used both R and Python for creating various visualisation and models. We worked with common data science libraries such as common data science libraries such as NumPy, Pandas & Matplotlib

### **Web Development (HTML/CSS/JavaScript/PHP/SQL/React)**

- Learnt and developed my current personal portfolio using React.js
- Developed multiple web based teaching resources, including an interactive quiz website using PHP & SQL for my collage's computer science department
- Further developed my knowledge of web technologies at university.

## REFERENCES

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**Bunna Ny** **Currently. Assistant HOD Technology at Wellington Girls' College**  
bunna.ny@wgc.school.nz or 022-099-6710

I worked closely with Bunna for 2 years while he was my Digital Technologies teacher. He also approached me about taking part in the website redesign for my college, where we worked together for a short time.

**Jaeson Ryfle-Turi** **Currently. Assistant HOD Technology at Onslow College**  
jaesan.ryfle-turi@onslow.school.nz

Jaeson was my teacher for a year and has worked with me throughout my Interactive Website Project.

**James Malden** **Director, Wealth Management Adviser at Jarden**  
james.malden@jarden.co.nz or 021-274-0730

James Malden has been a long lasting family friend of ours.

## LINKS

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**LinkedIn**  
[linkedin.com/in/JamesRobionyRogers](https://www.linkedin.com/in/JamesRobionyRogers)

**Github**  
[github.com/JamesRobionyRogers](https://github.com/JamesRobionyRogers)