

# Marcel Qayoom-Taylor

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<https://marcelqt.vercel.app>

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## Education

### Bachelor of Engineering (Software)

2021-2025

University of Technology Sydney

- High Distinction Average (85.75%)

Waseda University (Exchange)

### NSW Higher School Certificate

2020

Mosman High school

- ATAR 92
- High Distinction in Software Development and Design

## Work Experience

### Project Lead / Software Engineer

2024

Centre for Social Justice & Inclusion

- Led a team of 8 software engineers to develop an MVP web app in 12 weeks
- Provided new features and support over an additional 3-month period
- Worked in a Scrum setting to develop quickly and iteratively.
- Communicated with stakeholders to keep them engaged and manage scope.
- Effectively gathered requirements, designed, developed and deployed the application.

### Founder

PantryPal

2023 - Present

- Building a mobile app to make home cooking easier - launched on the App Store 2023
- Ideate, design and implement back and front-end features based on user feedback
- Create content and market the app to now have over 1000+ users

### Software Engineer Intern

2022-2023

Now Circular (YC W22)

- Worked in an agile environment to deliver solutions for full-stack problems
- Communicated extensively with shareholders to develop requirements and solutions
- Made documentation via writing, diagrams and videos to explain information systems
- Worked with various internal teams to automate processes and increase their efficiency

### Marketing Coordinator

2021 - Present

Fortress Family Office

- Develop and manage marketing strategies to grow the business and acquire clients
- Manage client and public relations via formal written and verbal communication
- Create various forms of content including podcasts, articles, social media marketing

## Technical Skills

<b>Proficient Languages:</b>	Swift, JavaScript, Typescript, Java, C, C++, Python, SQL, C#, Javascript, HTML, CSS, FXML,
<b>Frameworks/Tools:</b>	SwiftUI, CoreData, React, NextJS, Vue, NodeJS, Express, MongoDB, Anaconda, SQLite, MVC, MVVM, Vercel, Figma Tailwind, ShadCN, Framer, MaterialUI, React Native
<b>Software / Cloud:</b>	XCode, Atlassian Suite, Microsoft Suite, Azure, GCP, AWS, Git, Netbeans, Repl.it, KNIME, Unity, Zoom, Notion, OBS, Vercel

## Relevant Projects

<b>GuideDog</b>	<b>2024</b>
<ul style="list-style-type: none"><li>• A dev tool that automates making web apps more accessible</li><li>• Managed the development of a Node package and VSCode extension</li><li>• Worked in a Scrum environment to build the project in 10 weeks</li><li>• Successfully deployed to the public and made the project open-source</li></ul>	
<b>Social Posting Automator</b>	<b>2023-2024</b>
<ul style="list-style-type: none"><li>• Built a Python tool &amp; GUI to automate weekly posting across multiple social media</li><li>• Reduced task time from 45 to 15 minutes per week (66% efficiency increase)</li><li>• Upgraded the tool from CLI to GUI so non-technical workers could also use the tool</li></ul>	
<b>Virtual Pantry</b>	<b>2021 - 2022</b>
<ul style="list-style-type: none"><li>• Developed a desktop application that was the MVP of PantryPal</li><li>• Designed models and sketches for user interfaces</li><li>• Wrote extensive documentation including daily journal entries</li></ul>	
<b>Market Watch</b>	<b>2020</b>
<ul style="list-style-type: none"><li>• A web application that serves as a watchlist for a user's share portfolio</li><li>• Outlined extensive project requirements including a feasibility study</li><li>• Conducted interviews to understand the needs and wants of target users</li></ul>	
<b>The Urban Barista</b>	<b>2019 - 2021</b>
<ul style="list-style-type: none"><li>• Online personality that focused on speciality coffee and local cafes</li><li>• Built social media accounts from 0-&gt;100k followers</li><li>• Managed advertisers and product placement on a near-daily basis</li><li>• Exited for a lump sum after hitting growth targets</li></ul>	

## References on Request

Referrers redacted due to public access