

Jayden Sim

Motivated to apply strong communication, technical and problem-solving skills. Highly adaptable and personable, with the ability to succeed in diverse workplace settings.

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🌐 <https://jaysim.com/>

Work Experience

2020 - 2022	Project Robot (Business since closed. Reference still available.)	Educator (Part-time)
	<ul style="list-style-type: none">• Created responsive programs to meet students' learning objectives.• Collaborated closely with team members to deliver lesson plans.• Coached and guided primary/high school students to design, develop and execute robotics projects.• Provided weekly progress updates to parents.	
2025-Present	McDonald's Cremorne	Customer Service / Front of House
	<ul style="list-style-type: none">• Applied strong customer service skills in a front-of-house environment.	

Volunteering Experience

2023	Bradfield Senior College - HEXAD	Design Team Leader
	<ul style="list-style-type: none">• Created branding and design system work to project.• Organised and marshalled the event on the night.	

Education & Certifications

University	Bachelor of Computer Science	Current
	2nd year student at University of Technology Sydney (prev. Western Sydney University)	
High School	Higher School Certificate	Obtained 2024
	Bradfield Senior College	
	<ul style="list-style-type: none">• Software Design & Development, IT Multimedia and Design & Technology.• English Standard, Maths Advanced	
Certificate II	Workplace Skills	Obtained 2024

Technical Skills

3D Modelling	Using CAD software such as Onshape and node-based software such as Blender to model and print 3D objects.
UI/UX Design	Using Figma to design and create visually coherent graphical user interfaces.
Software Dev	Using native and web frameworks to develop fullstack applications. Proficient in: <ul style="list-style-type: none">• React, Next.JS and T3 Stack with fully-typed code using TypeScript, and Vue.JS, Nuxt and Vite.• Node.JS server-side frameworks such as Fastify and Koa, serverless with Cloudflare Workers, AWS Lambda and Vercel Functions• React Native to create native apps for iOS and Android.
Geospatial Analytics	Experience in analysing and visualising geospatial data and time-tagged datasets while developing a custom transit map using the following software: <ul style="list-style-type: none">• QGIS and ArcGIS to process spatial data• TurfJS, JSTS/JTS and D3 for visualisation of spatial data.
Hardware Dev	Experience in creating custom circuits using Arduino and ESP microcontrollers, soldering and assembling PCB boards.

Workplace Skills

Software	<ul style="list-style-type: none">• Fluent understanding of features and workflows: Microsoft 365 and Adobe Suite.• Ability to adopt and learn new hardware and software quickly.
Interpersonal and Communication	<ul style="list-style-type: none">• Demonstrate effective interpersonal and communication skills.• Excel at identifying needs and resolving issues quickly through strong analytical thinking and practical problem-solving skills.• Skilled in thinking critically under pressure and delivering effective solutions that support team goals.