

Caleb Wharton

Software Development | Growth & Strategy | Execution

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Summary

University of Auckland Bachelor of Commerce and Science conjoint degree graduate, triple majoring in Computer Science, International Business, and Innovation & Entrepreneurship. A relentless and solutions-focused problem solver with a strong work ethic and practical experience in software development and business operations. Seeking opportunities in a fast-paced environment where I can work hard, add value quickly, and expand my capabilities through real-world execution.

Skills

Languages: Javascript, TypeScript, Java, Python, C, C#, SQL
Technologies: MongoDB, PostgreSQL, Next, React, Express, Node, .NET8, AWS
Processes: Agile, Scrum
Foreign Languages: Spanish (Conversational Level)

Education

University of Auckland	Nov 2025
<i>Bachelor of Science in Computer Science</i>	GPA: A-
<i>Bachelor of Commerce in International Business and Innovation & Entrepreneurship</i>	

Work Experience

Computer Science Teaching Assistant <i>The University of Auckland</i> • Provided detailed, rubric-aligned marking and support for two of the University's largest Computer Science courses, achieving strong learning outcomes • Supported lecturers by identifying common student errors and flagging areas where course material or assessment guidance could be clarified • Contributed to a consistent grading process by communicating frequently with the teaching team and resolving borderline or ambiguous cases collaboratively	Feb 2025 - Nov 2025
Receptionist <i>Davis Funerals</i> • Manage front-desk responsibilities, creating a calm and empathetic environment for grieving families and visitors • Manage appointments and staff schedules to ensure timely support and smooth day-to-day operations • Perform data entry using Microsoft Excel and internal software to maintain accurate records	Dec 2023 – Present
Brand & Commercial Assistant <i>Food International</i> • Secured supermarket placements nationwide for a key product line through targeted sales engagement with buyers, contributing to its growth into the company's largest revenue driver and achieving distribution across New Zealand's three major supermarket chains • Managed relationships with supermarket buyers, category managers, and the company's suppliers, ensuring consistent communication, strong partnerships, and alignment with evolving customer demand • Optimised product and logistics workflows by utilising Foodstuffs Exchange, GS1, and SAP to maintain accurate data, streamline processes, and support inventory movement • Led the development of the company's new website, coordinating with an external web developer to deliver a modern, functional, and brand-aligned digital presence	Dec 2021 - Feb 2023

Awards

First in Course Award – INNOVENT 307: Ecosystems for Innovation and Entrepreneurship <i>The University of Auckland</i> Awarded to the top-performing student in Semester One, 2025	Sept 2025
First in Course Award – INTBUS 307: International Management and Strategy <i>The University of Auckland</i> Awarded to the top-performing student in Semester Two, 2024	Apr 2025
First in Course Award – COMPSCI 230: Object-Oriented Software Development <i>The University of Auckland</i> Awarded to the top-performing student in Semester One, 2024	Sept 2024
NCEA Scholarship – Accounting <i>New Zealand Qualifications Authority (NZQA)</i> Recognised for outstanding performance in national scholarship examinations, typically awarded to fewer than 50 students nationwide annually	Jan 2022
NCEA Scholarship – Classics <i>New Zealand Qualifications Authority (NZQA)</i> Recognised for outstanding performance in national scholarship examinations, typically awarded to fewer than 100 students nationwide annually	Jan 2022

Projects

WDCC Passport: Event Engagement Platform | *MongoDB* | *React* | *Express* | *Node*

- Developed a large-scale software application with a team of developers for New Zealand's largest tech club, with over 1000 members, for the purpose of increasing event attendance through gamification and providing actionable analytics to support the marketing team
- Achieved strong adoption, with the platform now being used at every event hosted by the club, demonstrating its effectiveness and value to the organisation
- Implemented a dynamic user interface utilising aggregation pipelines to increase responsiveness for users to view their progress and receive awards

Labchat: University Research Lab Management Software | *PostgreSQL* | *Next* | *React* | *Express* | *Node* | *Tailwind* | *AWS*

- Developed a custom lab management system for the University of Auckland's chemistry department, providing a modern solution expected to save researchers 40% of administrative time annually
- Identified pain points in legacy processes in collaboration with our clients to design a mobile-friendly, all-in-one platform tailored specifically to research labs
- Implemented automated stock tracking and task assignment features, reducing administrative workload and enhancing lab efficiency, coordination, and safety

Restore: Environmental Cleanup Social Network | *MongoDB* | *React* | *Express* | *Node* | *Google Maps Javascript API*

- Led a cross-functional team of developers and designers as Project Manager in the DEVS 2024 Hackathon, delivering a full-stack beach cleanup social network in 48 hours and earning an honourable mention award
- Implemented an interactive real-time event map using Google Maps API, enabling users to easily create, find, and sign up for local cleanup initiatives
- Facilitated rapid development under tight deadlines, applying agile principles to manage tasks, priorities, and team collaboration efficiently

References

References available upon request.