

Terence Zhang

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EDUCATION

University of Auckland, Auckland, New Zealand Feb. 2024 – Oct. 2024
Bachelor of Science (Hons), Computer Science – **First Class Honours** GPA: 8.38 / 9.0

- First in Course Award – COMPSCI 742 (Advanced Internet: Global Data Communications)
- Awarded University of Auckland Postgraduate Honours Scholarship
- **Dissertation:** *Web3 vs Fediverse: A Comparative Analysis of DeSo and Mastodon* ([Published Online Networks and Social Media, 2025](#))

University of Auckland, Auckland, New Zealand Feb. 2021 – Oct. 2023
Bachelor of Science, Computer Science GPA: 8.04 / 9.0

- First in Course Award – COMPSCI 101 (Principles of Programming), 316 (Cybersecurity)
- Awarded Summer Research Scholarship

EXPERIENCE

University of Auckland, Auckland, New Zealand Feb. 2023 – Feb. 2025
Teaching Assistant

- Supported teaching teams in first- and second-year computer science courses on computer systems, algorithms, and data structures.
- Marked assignments and essays, providing detailed feedback to help students improve performance.

University of Auckland, Auckland, New Zealand Nov. 2023 – Feb. 2024
Research Assistant

- Produced a comprehensive report on the ethical and practical use of generative AI by university students, including guidelines for course integration.
- Conducted research on generative AI in education, covering bias, hallucinations, and prompt engineering.

PROJECTS

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- **Pinfinity** – Full-stack Pinterest clone featuring secure authentication, responsive design, CRUD functionalities, and social features.
 - **Where in the World?** – Country explorer app with search, filter, and sorting, detailed country information fetched via an API, and dark mode support.
 - **GlobeWeather** – Global city weather app with autocomplete search, real-time weather data fetched via an API, and dynamic backgrounds.
 - **Adversarial Insight ML** – Python package for testing image classification models against adversarial attacks, supporting multiple attack methods.

SKILLS & INTERESTS

Coding Languages: HTML, CSS, JavaScript, TypeScript, Python, Java, SQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS, Redux

Miscellaneous: MongoDB, Cloudflare R2, Git, GitHub, AI/Machine Learning

Soft Skills: Problem Solving, Teamwork, Time Management, Adaptability, Results-Oriented

Interests: Travelling, Hiking, History, Movies, Chess, Self Improvement