

Nathan Nguyen

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EDUCATION

University of New South Wales

Bachelor of Computer Science

Sydney, NSW

Feb. 2021 – Present

McGill University (Student Exchange)

Bachelor of Computer Science

Montreal, QC

Aug. 2023 – Present

WORK EXPERIENCE

University Ambassador (Access, Equity & Inclusion)

University of New South Wales

April 2023 – Present

Sydney, NSW

- Engaged with schools in low socio-economic areas within Sydney to discuss alternative pathways into UNSW via the Gateway program.
- Facilitated various on-campus programs with the aim of introducing students from Gateway schools to the university experience.

Academic Tutor

Alchemy Tuition

Feb. 2022 – November 2022

Sydney, NSW

- Tutored students from Kindergarten - Year 12, specialising in economics and maths.
- Refined essay writing abilities with students and helping with homework or exam-related questions.

Retail Assistant

CeX Ltd.

Nov. 2020 – Jan. 2021

Hurstville, NSW

- Served customers using POS systems and providing assistance with technology-related queries.
- Arranged incoming stock and helped with other day-to-day store responsibilities.

UNIVERSITY EXPERIENCE

IT Director

UNSW Alternative Investment Society

November 2022 – Present

Sydney, NSW

- Led a subcommittee to modernise the society website with the aim of introducing a more relatable and approachable brand image.
- Upskilled internal members to use various online tools, such as Figma and Wix to help redesign the website.

Software Subcommittee Member

UNSW Illuminate

January 2022 – December 2022

Sydney, NSW

- Collaborated with other subcommittee members to redesign Illuminate's website using React and Javascript, taking inspiration from the club's past ideas.
- Brainstormed and iterated upon various ideas through the use of online tools such as Figma.

Student Life Volunteer

UNSW Arc's Street Team

January 2022 – June 2022

Sydney, NSW

- Volunteered during Orientation Week 2022 at UNSW by facilitating various stalls and events with the aim of welcoming new students.
- Organised weekly events throughout the term to facilitate a rich student community on campus.

COMPETITIONS & PROJECTS

UNSW WIT × NAB Case Competition | 1st Place

July 2023

- Developed a technological solution aimed towards helping NAB's customers to better understand and reduce their emissions.
- Consulted with various NAB representatives to receive feedback on the solution, as well as further iterating and acting upon that feedback.

UNSW DigiSoc × Reckitt Digital Case Crack | 2nd Place

July 2022

- Designed a digital solution that leveraged e-commerce platforms to promote both online and in-store customer engagements.

- Developed various slide decks and design prototypes to address the provided proposition.

EchoLink | *Python3, React, Tailwind*

March 2022

- Designed a chat client with support for direct messages, channel creation, reactions and user logins.
- Utilised Python and Flask to deploy the backend, whilst using React and Tailwind for the frontend.

Rusty's Adventures | *Rust*

April 2023

- Developed a top-down 2D game using the Rust coding language.
- Utilised crates and other Rust configurations to better understand the language as a whole.

TECHNICAL SKILLS

Languages: Java, Python, Rust, C, SQL (Postgres), JavaScript, HTML/CSS,

Frameworks: React, Flask, Tailwind

Developer Tools: Git, VS Code

Libraries: pandas, NumPy, Matplotlib