

# Nathan Nguyen

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## EDUCATION

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### 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 – Dec. 2023*

## WORK EXPERIENCE

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### University Ambassador (Access, Equity & Inclusion)

*University of New South Wales*

March 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.

## UNIVERSITY EXPERIENCE

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### Vice President of Operations

*UNSW Alternative Investment Society*

January 2024 – Present

*Sydney, NSW*

- Presiding over both marketing and IT portfolios to allow for the general functioning and operation of the society.
- Overseeing the general functioning and operation of the society in general, in collaboration with other executive members.

### IT Director

*UNSW Alternative Investment Society*

November 2022 – December 2022

*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 Project 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

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### 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.

### TECHNICAL SKILLS

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

**Frameworks:** React, Flask, Tailwind

**Developer Tools:** Git, VSCode

**Libraries:** pandas, NumPy, Matplotlib