

Nava Choudhury

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EXPERIENCE

- Teaching Assistant - Macquarie University** Feb 2025 – Present
- Taught practical workshops to second-year students each week on topics related to networking technology and software development to first-year students
 - Provided consultation and personalized feedback to students
 - Troubleshooted codebase issues, networking applications, virtual machines and IDEs
- Computing Drop-In Centre Staff - Macquarie University** Feb 2025 – Jun 2025
- Taught computing students each week in walk-in sessions, which improved their understanding and grades
 - Supported students with low motivation by discussing study plans, and this helped them focus on important tasks
 - Fostered an encouraging environment, which helped students remain calm while working on their learning

PROJECTS

- Not-Osu! (Online Rhythm Game) | React, Typescript, Tailwind CSS, MongoDB, Three.js** Oct 2025 - Dec 2025
- Developed the song selection screen for a full stack web app as a part of the Devsoc Trainee Program
 - Communicated with team members in meetings for feedback and suggestions
 - Designed the look of the start and song selection screens in the game using Figma
- Personal Portfolio Website | Astro, HTML, Tailwind CSS, Javascript** Sep 2025 - Present
- Developed a frontend web application using Astro and FullDev UI Library
 - Continuously integrated deployed website through Cloudflare Pages and connected a custom domain
- TUFT (ForgeHack 2025 Project) | Atlassian Confluence, Atlassian Rovo Agents** Feb 2025 – Feb 2025
- Created an AI for recognising similar documentation in Confluence, which helped devs spend more time on coding
 - Won multiple prizes by involving our team of 5 in tests, which increased all of our knowledge on AI

EDUCATION

- UNSW - Bachelor of Computer Science** Feb 2025 – Ongoing
- Transferred universities to align with evolving community and career interests
 - Assumed leadership roles in group projects, which ensured high quality submissions
- California State University East Bay - Semester Exchange** Aug 2024 – Dec 2024
- Completed the subjects CS101 (A), CS221 (A-), CS311 (A) and ENGR200 (A) during the semester
 - Expanded knowledge on computers, programming and engineering in a new community with limited time
- Macquarie University - Bachelor of Software Engineering** Feb 2023 – July 2024
- Earned a Women in STEM Scholarship from volunteering and academics

SKILLS

Technical: Software Engineering, Database Development
Languages: Java, Python, SQL, JavaScript, TypeScript, HTML/CSS, MIPS Assembly, MongoDB
Frameworks: React, Node.js
Developer Tools: Github, Gitlab, Docker, VS Code, PyCharm, IntelliJ, Eclipse, AI agents
Interpersonal: Communication, Leadership, Collaboration

VOLUNTEERING

- Cat Shelter Volunteer** - *SAFE Rehoming* Nov 2025 – Present
- Helped clean cat suites each week following given instructions
 - Attended training to help socialize cats to improve chances of adoptions
- Devsoc Trainee** - *UNSW Software Development Society (Devsoc)* Sep 2025 – Dec 2025
- Led the planning of several features by collaborating with others, while leveraging past Figma projects and JavaScript knowledge
 - Completed 2 mini-projects during the program, which helped knowledge on creating secure applications
- Social Media Manager** - *Macquarie Association of Computing Students (MACS)* Jan 2024 – Dec 2024
- Marketed events to a community of 6,000+ members, which lead to high attendees at tech focused companies
 - Started a social media team, which drastically lessened other executives workload
 - Managed with a professional attitude, which helped us to achieve 120+ attendees for MACS' biggest event
- Secretary and General Executive** - *Women in Computing (WIC)* Nov 2023 – Oct 2024
- Organized 2+ meetings per month, accurately recording key discussions and action items
 - Planned events and introduced 20 students to the society
 - Worked with a team of 8 people to discuss budget constraints and event schedules
- Unit Representative** - *Macquarie Faculty of Science and Engineering* Apr 2024 – Jul 2024
- Collated and delivered valuable feedback between the cohort and convenor to improve the unit
- Macquarie GameJam 2024 Volunteer** - *Macquarie University* Jul 2024 – Jul 2024
- Assisted a classroom of participants to ensure the game development competition ran smoothly