

Neel Sharma

✉ neel.sharma1@student.unsw.edu.au

☎ [+61 416 727 095](tel:+61416727095)

in [LinkedIn](#)

🌀 [neelkarma](#)

Skills

- Building full-stack web applications
- Ability to quickly learn new skills, languages and technologies
- Interpersonal communication and teamwork
- Critical thinking under pressure

Education

Bachelor of Computer Science / Electrical Engineering, UNSW

2025 - 2029 with 93.000 WAM

Higher School Certificate, Sydney Boys High School

Graduated 2024 with 97.95 ATAR

National Computer Science School (NCSS), Melbourne

Attended 2023

Experience

Development Subcommittee Member at UNSW Linux Society (2025 - present)

- Developing the Linux Society website, Discord Bot and surrounding infrastructure for managing society events and member information.
- Crafting technical workshops to educate university students about various computer science and Linux-related topics.

Senior Programming Mentor at UNSW EMU Robotics (2023 - present)

- Communicating complex technical concepts in an easy-to-digest manner.
- Training beginner programmers how to program robots using Java.
- Building the team's website at emu-robotics.au using the Astro static site generator.
- Maintaining and orchestrating technical infrastructure, including a self-hosted Matrix Homeserver for team communication.

Team Member at UNSW EMU Robotics (2019 - 2025)

- Developed a strong work ethic through the high workload developing competition-level FRC robots under strict competition deadlines.
- Improved communication skills in a fast-paced, high-stakes competition environment.
- Developed critical thinking skills in programming and designing competition-level LEGO EV3 Robots.

Projects

SpikeTracker - A full-stack web application to record and monitor volleyball statistics for Sydney Boys High School's volleyball teams.

- Uses the SvelteKit web framework and TypeScript language for both frontend and backend code.
- Features multi-level authentication with independent interfaces for students and coaches/admins.
- Uses the OAuth 2.0 specification to interface with SBHS's student login portal.

Please see my [GitHub](#) profile for additional, smaller projects.