

DASHIELL RUSSELL

Mechatronics engineering & Physics Student

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SUMMARY

Motivated student with hands-on project and leadership experience across technical, organisational, and customer-facing environments. Skilled in project management, teamwork, communication, and software tools, with a track record of contributing to high-performance teams as an Avionics Engineer for UNSW Rocketry and IT Director for RAMSOC. Experienced in coordinating complex tasks, supporting cross-functional groups, and delivering reliable outcomes in fast-paced settings. A fast learner and strong problem-solver who brings initiative, organisation, and a positive team mindset to every role.

WORK EXPERIENCE

Software Developer – Freelance Jun 2025 – Present

- Managed client project timelines, coordinated meetings, and maintained clear communication to keep website builds on track.
- Supported end-to-end delivery of digital projects by organising assets, streamlining workflows, and ensuring smooth, on-time launches.

Stem Tutor – Cluey Jan 2025 – Dec 2025

- Delivered personalised STEM tutoring sessions, simplifying complex concepts and adapting teaching strategies to each student's learning style.
- Tracked progress, provided structured feedback, and supported students in building confidence and achieving strong academic outcomes.

Crew Member – Hoyts Dec 2022 – Mar 2023

- Provided fast, friendly customer service across ticketing, food service, and cinema operations, ensuring a smooth experience for all guests.
- Maintained high standards of cleanliness, efficiency, and teamwork during busy periods, contributing to consistently well-run sessions.

EDUCATION

Bachelor of Engineering Honours (Mechatronics) & Bachelor of Science (Physics) Jan 2024 – Present

University of new south wales

- WAM: 82

EXTRA CURRICULAR

Avionics Engineer – UNSW Rocketry Oct 2025 – Present

- Built and tested avionics systems for competition rocket flights.
- Worked with engineering teams to integrate sensors and telemetry.

IT Director – UNSW Robotics & Mechatronics society Jan 2025 – Present

- Led development and maintenance of the society's IT systems, website, and digital tools.
- Coordinated a small tech team to deliver reliable platforms for events and member engagement

KEY SKILLS

- RSA – Responsible service of alcohol
- WWCC – Working with children check
- Drone license
- First Aid
- Problem solving.
- Customer service.
- Attention to details.
- Fast learner.