

HAYDEN LE

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EDUCATION

University of Sydney

08 2021 – 06 2025

Bachelor of Advanced Computing (Honours)

Sydney, NSW

***First Class Honours, Majoring in Computer Science
and Data Science***

COMMUNITY & LEADERSHIP

Discord Community Lead/Manager — Multiple community server

- Establish community guidelines, onboarding flows, and moderation practices that keep spaces safe, inclusive, and productive for members.
- Use lightweight analytics (Discord insights, forms) to track engagement and iterate on formats that improve attendance and retention.
- Coordinate with volunteer ambassadors/moderators to seed conversations, highlight wins, and support members.

Co-founder & President — High School Debate Club

- Founded the club and built a supportive culture for public speaking and critical thinking; facilitated weekly practice, peer-mentoring workshops, and member Q&As.
- Planned term calendars, recruited members, and coordinated scrimmages; developed session plans that kept activities structured and engaging.
- Moderated discussions and gave constructive feedback to help new debaters build confidence and stage presence.

RELEVANT EXPERIENCE

Robotics Masters Limited

07 2023 – 11 2023

Software Developer (Internship)

Sydney, NSW (Hybrid)

- Collaborated in a cross-functional team to create interactive demos (Unity-based) that made complex technology approachable for general audiences.
- Coordinated with teammates on timelines, testing, and showcase readiness; incorporated user feedback into iterative improvements.

DKS CO., LTD

11 2022 – 02 2023

Software Developer

Hanoi, Vietnam

- Contributed to educational 3D applications (Unity/C#) that support practice for mechanical/electrical exercises in a virtual environment.
- Worked closely with educators and testers to ensure sessions were intuitive and engaging for learners.

ACADEMIC HIGHLIGHT

Honours Thesis: **Federated Learning for Stock Forecasting**

Supervisor: Prof. Nguyen Hoang Tran

05 2025

- Designed and communicated a collaborative learning approach that preserved data privacy across participants; compared aggregation strategies and presented findings clearly to technical and non-technical audiences.

SELECTED PROJECTS (BRIEF)

GOpti (AI-powered itinerary planner for Sydney's Vivid Festival)

07 2024

- Built a friendly planning tool that helped visitors choose what to see and when; ran user testing and iterated on UX to reduce planning friction for families and students.

Spotifeye (hands-free music control via simple eye gestures)

02 2024

- Prototyped an accessibility-focused interface to lower barriers to music interaction; summarized insights for a mixed audience and gathered feedback to guide next steps.

SKILLS & TOOLS

- **Community Platforms:** Discord (channels/roles/mod tools, events), Zoom/Google Meet, Slack
- **Planning & Ops:** Notion, Google Workspace (Docs/Sheets/Forms), Jira/Trello
- **Content:** Canva: basic video editing, Markdown: clear written communication
- **Analytics:** Discord insights, surveys/forms, basic dashboards in Sheets
- **Technical (supporting):** Python/Java/C/... , GitHub/Bitbucket

ACHIEVEMENTS

Social Impact Award — USyd Coding Fest 2024 | GOpti

07 2024

- Recognized for community benefit and accessibility: designed a practical tool that helped diverse attendees navigate multi-venue events with confidence.