

Kyra Dunning

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Education

University of Sydney

Sydney, NSW

B. Advanced Computing and B. Science, Computer Science and Geology & Geophysics. February 2023 – November 2027

Experience

Code Camp

Sydney, NSW

Teaching Instructor and Assistant

May 2024 – Present

- Deliver Code Camp programs to a class of up to 25 students.
- Support the class Head Teacher to provide one on one help to individual students during class and keep students on track.
- Working with kids in a team environment.

University of Sydney

Sydney, NSW

ITAS Tutor

August 2024 – Present

- Provide academic support and study assistance in one-on-one and group tutoring

Extended Bachelor Program (EBP) Mentor

May 2024 – Present

- I support fellow Indigenous peers with their studies at the University of Sydney who are currently undertaking the Extended Bachelor Program.
- This support includes dedicating time each week to sit with them and provide general guidance on various activities they need to undertake, such as checking what's due for each of their units, reading over assignments with them, helping them with the process of submitting assignments on Canvas, and providing an extra supportive push to get work done.
- It's important to note that this is not an 'academic' role in the traditional sense, but rather an academic support role where I assist students with their studies without actively teaching them content.

Student Ambassador

March 2024 – Present

- Represent the University across a range of recruitment events such as Open Day, campus tours, career markets, in-school visits, residential programs and online webinars.
- Share my lived experience as a university student to demystify concepts of higher education.
- Learn and maintain a solid understanding of university degrees, programs, pathways and admission criteria.
- Facilitate discussions with high school students about my aspirations, how to achieve them and increase their knowledge about degree options.

Access Services Assistant, Fisher Library

May 2023 – November 2023

- Duties included a range of digitisation tasks, quality checking and control, and compilation of media.
- Digitised various media, such as 35mm film slides and hard cover books.
- Provided feedback on the usability of the new developing Library site.
- Worked on the A-Z Rare Books Exhibition.

Sancta Sophia College

Camperdown, NSW

Winter Resident Assistant

June – July 2024

- Assist the Principal and Vice Principal in providing pastoral care, academic support and building a strong sense of community within the College.
- Trained in emergency procedures, first aid, mental health and College operations.

- Provide administrative support and security outside of office hours, weekends and public holidays by being the first point of contact for students.

Macquarie Group

Sydney, NSW

Cybersecurity Intern

December 2023 – February 2024

- Worked among the Cyber Metronome team within Cybersecurity Governance in the Corporate Operations Group at Macquarie Group.
- Gained knowledge, exposure and experience in gathering user requirements, understanding those requirements and creating draft user stories to improve these products for asset owners and managing teams alike.
- Worked alongside a range of tech professionals to learn about and assist in providing products that asset/service owners across Macquarie can use to determine if they are meeting cybersecurity expectations, while also providing a path to remediate/implement said expectations if required.
- Gained experience in Jira and Confluence (Atlassian).

John Holland Group

Rhodes, NSW

IT Undergraduate

August 2023 – November 2023

- Delved into the intricacies of the M7-M12 project, gaining hands-on experience in addressing the challenges inherent in managing IT systems across multiple worksites.
- Provided hybrid desktop support for staff, offered technical assistance both on-site and remotely, gained knowledge in how to configure Wi-Fi networks, and facilitated staff on-boarding processes, among other tasks.
- Familiarized myself with a range of software and platforms crucial to project management, including computer systems, hardware configurations, ServiceNow, task management tools, and database systems.

Supabarn

Annandale, NSW

Bakery Assistance

March 2023 – May 2023

- Baked bread, cookies and cooked BBQ chickens.
- Stock refill.
- Customer service.
- Deliveries and stocktake.

Silly Solly's Group

Thornton, NSW

Store Assistance

November 2021 – February 2023

- Inventory stocktake, stock refill, customer service.

Henny Penny Foods

Thornton, NSW

Kitchen Hand/Shop Assistant

December 2018 – January 2021

Volunteering

RSPCA NSW

Yagoona, NSW

Kennel Assistant

July 2024 – Present

- Animal contact
- Cleaning kennels
- Dog walking
- Laundry

Sydney Computing Society - SYNCs

Sydney, NSW

Systems Administration Subcommittee

March 2024 – Present

- Maintain SYNCs front-end and back-end products.
- Update SYNCs website to display current information.
- Work with others using GitHub, Git/Bash, JavaScript, HTML and Python.
- Create and maintain SYNCs tech event infrastructures.

**The Matilda Centre for Research in Mental Health and Substance Use
Youth Advisory Board Member**

Sydney, NSW
March 2023 – Present

- Worked alongside the other young people to co-design a range of resources aiming to support researchers and mental health professionals on how best to engage young people in mental health and substance use research.
 - Actively participated being on Judging Panel for Matilda Centre Awards 2023.
- Involved in:*
- Youth Priorities Project
 - Australian Government's Measuring What Matters Statement.
 - Aboriginal Health Impact Statement: NSW Strategy for Young People's Health and Wellbeing 2025+.
 - Associate Investigator on MRFF Grant / Optimising efficiency through tailored solutions: Co-design and trial of an adaptive, scalable web-based intervention to reduce alcohol use and related harms in youth.
 - Youth Health and Wellbeing Framework 2025+ Consultation Plan.

**Consumer and Community Involvement Program
Health Consumers and AI Consumer Reference Group Member**

Sydney, NSW
April 2024 – Present

- I support the development of a resource for consumers about AI in healthcare, as well as participate in conversations about uses of AI in health systems and services. The resulting plain-language document will be made freely available.

**Gadigal Centre, University of Sydney
MOBS Mentor**

Camperdown, NSW
March 2024 – Present

- Foster meaningful connections, exchange knowledge and experiences, and embark on a journey of mutual learning and development to contribute to the success of my fellow participants.

**Sancta Sophia College
Student Ambassador**

Camperdown, NSW
January 2024 – Present

- I help give tours to senior high school students interested in attending university, as well as incoming students at Sancta Sophia College on multiple occasions.

Awards & Activities

**Jane Street
Wise undergrad Participant**

Hong Kong, China
January 2024

- Attended as one of forty first-year female STEM undergrad students invited.
- Learnt about the challenging ways they use concepts relating to mathematics, computer science and probability in trading.
- Made some lifelong connections with others studying STEM degrees from around the world.
- Networked with Jane Street's traders and technologists, who shared the extensive, transitioning path from their STEM degree to their current role, and the relevant skills they have learnt along the way.
- Attending this program developed important interpersonal, team-building and leadership skills.
- Extended knowledge of financial markets, and the ways mathematics, programming, research and data science relate to roles in trading.

**John Holland Group & NSW AECG
Aboriginal and Torres Strait Islander STEM Scholarship by NSW AECG and John Holland Group**

May 2023

Sydney, NSW

- Awarded this scholarship in 2023 and offered casual, ongoing paid work experience at a John Holland Group (JHG) project or corporate office while completing university studies.

**University of Sydney
CAE Aboriginal and Torres Strait Islander Engineering Scholarship**

Sydney, NSW
March 2023

- Awarded this scholarship in 2023 to support my studies in engineering at the Faculty of Engineering, University of Sydney.

Licenses & Certifications

NSW Office of the Children's Guardian Working with Children Check (Employee + Volunteer)	NSW, Australia March 2024 - March 2029
SafeWork NSW National WHS General Construction Induction	Australia July 2023 - November 2025
NSW Department of Education Higher School Certificate	NSW, Australia November 2022

Skills

Technical: Python, Java, R, C, C++, Git, Bash, Object-Oriented Programming, Visual Studio Code, Confluence, Jira, Scrum, Amazon Web Services, Ubuntu.

Language: English (native), Japanese (beginners).

Social: Leadership, networking, public speaking/presentations, teaching, customer service, independence.