Arabella Simpson

High-Achieving First-Year Mechatronic Engineering student looking for Casual or Part-Time Retail work.

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EXPERIENCE

PyCon Australia – *Education Showcase Presentation*

2025

I presented my "Phones Aren't Real" project virtually at the 2025 Python Convention in Melbourne, one of a select few students chosen by the committee. This was an exciting opportunity to share my work with the Python Developer community, including scripting, filming and editing. I learnt a lot from this exciting experience about effective and engaging communication as well as working under time pressure and adapting to an unfamiliar medium.

Pet Sitting

2024 - PRESENT

Cat sitting for my neighbours, including hygienic and efficient animal waste disposal, feeding, and general household cleaning and securing over several weeks, including management of unforeseen issues and responsible and regular correspondence with employers to inspire confidence and trust.

Hunters Hill Public School — *Election Day Cake Stall Volunteer*

2023 - 2024

Efficiently and hygienically arranging and serving food in busy conditions attracting and managing customers. Cash and card transactions and directing clients to pay stations. Handling adverse outdoor conditions including wind, small children and animals while maintaining food safety and avoiding allergen contamination.

Hunters Hill Church Hall— *Volunteer Birthday Dinner Catering*

2024

I served food and drinks at an 80th Birthday Dinner, anticipating guest needs and clearing plates. This role also included arranging dishes before the dinner and dishwasher loading after, as well as general efficient and subtle waiting and collaborating with other waiters and kitchen staff.

SKILLS

- Problem Solving
- Clear Communication
- Programming
- Computer Literacy
- Leadership

AWARDS

7th in Engineering Studies HSC (2025). I was the highest-achieving female student in the state for this subject.

Exceptional Overall Academic Achievement (2024). One of only 3 awarded in my Year 11 HSC cohort.

ADF Future Innovators Award (2023). Awarded for innovation, critical thinking and problem solving in STEM.

Platinum Excellence Award (2024). For more than 150 merit awards during my time at St Andrew's, indicating good behaviour, a servant-hearted attitude and enthusiasm for learning and cocurriculars.

UNSW Cupcake Programming Competition – Credit (2024 & 2025). I have competed in this competition in a team of 3 for several years, and learnt a lot from it about collaboration and out-of-the-box thinking under

timed conditions, allowing us to out-perform more than 85 teams from around Australia.

EDUCATION

St Andrew's Cathedral School — *HSC 97.7 ATAR*

2020 - 2025

Engineering Studies, English Advanced, Mathematics Extension 1, Mathematics Extension 2, Physics, Software Engineering.

Durham House Officer, Peer Support Leader, Middle School Ambassador.

Rowing, Winter Hockey, Summer Hockey, Summer Basketball.

Makerspace, Girls Vocal Ensemble, Da Vinci Decathlon, Big City BakeOff, SACS Factor, UNSW Cupcake ProgComp.

Arabella has demonstrated diligence, focus and persistence throughout her time at St Andrew's Cathedral School. A highly capable student, she has consistently set demanding standards for herself and worked resolutely towards achieving them. More broadly, in other aspects of her school life, Arabella has approached her responsibilities with a clear sense of efficacy, reliability and commitment. She has been servant-hearted in her commitment to House activities, from being a Peer Support leader to being a House Officer and she has been a role model for others in her willingness to participate. She is a reflective and honest person whose loyalty and integrity have seen her develop a strong circle of good friends. – Dr Julie McGonigle, Head of School

UTS — *Bachelor of Engineering (Mechatronics) Diploma in Industry Practice*

2026 -

Starting February this year studying Introduction to Mechanical Engineering, Mathematics 1, Physical Modelling and Introduction to Engineering Projects.

LANGUAGES

- English
- French (B2 DELF Certificate)
- Python
- HTML, CSS, Javascript
- C++ and C#
- SQL