**Aditya Varma**

hello@adityav.au  0497179534  Sydney, NSW Portfolio - [www.adityav.au](https://adityav.au/)

**SKILLS & PROGRAMMING LANGUAGES**

* **Skills:** Artificial Intelligence, Cybersecurity, System Analysis, Database Management, Linux, Windows, Web Development
* **Programming Languages:** Python, Java, React, JavaScript, PHP, HTML5, CSS, SCSS, Node.JS, C++, SQL, MongoDB, Oracle Database, RStudio, Git

**EDUCATION**

**University of Wollongong Dec, 2024**

*Bachelor of Computer Science* *Wollongong, NSW*

* 6.9/7.0 GPA.
* Dean’s Merit List Award Recipient.
* University of Wollongong Excellence Award.
* Projects Completed – For more, look at my portfolio
  + Intrusion Detection – A Python-based system that uses machine learning techniques to detect and classify network intrusions or anomalous activities.
  + secureChatApp – A cybersecurity-focused project that involves the creation of a chat application featuring end-to-end encryption, underlining my proficiency in secure communications and cryptography.
  + Portfolio website – A personal portfolio website showcasing my projects, skills, and experiences, built using SCSS, HTML5, CSS, and JavaScript.
  + flyDreamAir Loyalty Management System – Creating a system to manage customer loyalty programs, featuring frequent flyer points, rewards, and various ways to earn and redeem points, using technologies like HTML, CSS, JavaScript, Node.JS, and PHP.
* Founder of UOW Chess Club.

**WORK EXPERIENCE**

**Cummins Aug 2023-Jan 2024**

*IT Admin Intern – Distribution Business Unit Melbourne, VIC*

* Involved in a restructuring strategy to migrate from MOVEX to SAP.
* Assist and advise in the timing, sequencing, and management of projects that are likely to bring about improved efficiency and functionality of business processes.
* Develop business Process Maps, projects charters and detailed requirements specifications to facilitate process re-engineering and/or code modification.
* Gather relevant information about the business requirement and business environment, so that potential solution providers can clearly understand what any solution will need to deliver.

**Matrix AI Aug 2023-Jan 2024**

*Software Engineer Sydney, NSW*

* Developed a RPC library for use in the Polykey backend. – GH – MatrixAI/js-rpc
* Developed Polykey’s product website. – [www.polykey.com](http://www.polykey.com)
* Resolved multiple issues for the Polykey suite of products.
* Involved in a JavaScript retool consulting project, collaborating with team members to analyze and implement modern JavaScript frameworks.
* Contributed to the Polykey project, targeting opportunities for improvement and innovation.

**University of Wollongong Jan 2023-July 2023**

*CSIT Lab Demonstrator Wollongong, NSW*

* Supported students with helpful study habits and exam strategies.
  + Collaborated with students to complete homework assignments, identify lagging skills, and correct weaknesses.
  + Motivated students towards learning and studying to build self-confidence and reduce fear of failure.
* Provided homework assistance using specific curriculum and materials.
* Enabled underachieving students to reach target attainment levels by providing individualized coaching and activities.

**DoorDash**  **Aug 2022-Present**

*Delivery Driver Wollongong, NSW*

* Completed rush deliveries on tight timetables to satisfy customer needs.
  + Maintained upbeat, positive attitude in busy, customer-focused environment.
* Kept detailed mileage and fuel reports to track overall fuel costs.

**McDonald's May 2022-Jan 2023**

*Crew Memeber Fairy Meadow, NSW*

* Took orders, prepared meals and collected payments.
  + Assisted other team members to achieve goals.
  + Worked well with teammates and accepted coaching from management team.
* Prepared and cooked food orders for customers by noting customizations and portion sizes.

**Music Producer Nov 2020-Dec 2020**

* Sine Waves Music - [My Spotify](https://open.spotify.com/artist/6uoEdlCiznVoOJOgRWWBmm)
* Lo-Fi music, one album published, 50,000+ listens.

**CERTIFICATIONS, LANGUAGES & INTERESTS**

* **Certifications:** Elements of AI – University of Helsinki
* **Languages:** English, Hindi, Marathi, German (Basic)