

Education

Sydney, Australia

University of Sydney

2021 - 2023

- Bachelor of Computing major in Computer Science
Distinction WAM

Employment

Shift Manager/Waiter

Maggie's Chinese Kitchen
Kellyville NSW

11/2021 - 12/2023

- **Managed** a team of 4 during peak hours, allocating shifts, positions and tasks to ensure smooth operations and high levels of customer satisfaction.
- **Processed** orders and transactions, including handling card and cash payments and providing exact change when needed.
- **Trained** staff on the use of the POS system, proper packing techniques, and dish preparation procedures to ensure efficient service and high-quality customer experience.
- **Compiled** weekly payroll reports, verified the accuracy of staff hours, and coordinated with the accountant for payslip generation, **ensuring adherence to deadlines** for timely and accurate payment processing.

Junior Solutions Engineer

Apek Computer Technology
Artarmon, NSW

01/2025 - Ongoing

- **Administered and maintained** customer IT infrastructure, ensuring optimal system performance and reliability.
- **Provisioned and configured** new endpoint devices (desktops, laptops).
- **Provided Tier 1 and Tier 2 technical support**, diagnosing and resolving end-user issues related to hardware, software, and network systems.
- **Developed PowerShell scripts** to automate Active Directory user queries and filtering, improving administrative efficiency.
- **Built a Power Automate flow** to parse and transform XML-based calendar data into a human-readable format, enhancing data usability and accessibility for end users.
- Assisted a client in **troubleshooting** and **updating legacy PHP code** and web server configuration to enable SMTP-based email delivery, resolving issues with contact form submissions not reaching end users

Projects More Projects

Anime Tracker Website

<https://github.com/andy02chen/animecalendar>

Python, Flask, Pandas, HTML/CSS, JavaScript

Demo - <https://youtu.be/YzfnV34bwHo>

- **Developed** site integrated with the MyAnimeList API for user data management
- Gained hands-on experience with **React**, **UI/UX design**, and secure **data handling**
- Set up and managed databases; implemented backend **API endpoints** for **data filtering** and organization
- Managed cookies and session handling for **user authentication**
- **Deployed** the application using cloud computing platforms and **virtual machines**
- **Analyzed user data** to identify viewing trends and habits
- Created **interactive charts** and graphs to present data insights via **analytics dashboard**

Chatbot for 3D Printer Technical Support (Capstone Project)

Python, HTML/CSS, JavaScript, MongoDB, Django

- **Developed** a tech support chatbot by analyzing company technical support dialogues to deliver accurate and efficient customer assistance.
- Incorporated company-specific terminology and product knowledge to ensure contextual and **relevant** responses.
- **Self-learnt** HTML, CSS, and JavaScript, demonstrating strong initiative and a **commitment to continuous learning**
- Maintained **punctuality** and **professionalism** in meetings, contributing reliably to team collaboration.

AirTable Clone - <https://airtable-clone-zeta.vercel.app/>

TypeScript, Prisma, TRPC, Tailwind, Postgresql

- **Developed** a fully functional Airtable clone with focus on creating bases, tables, and dynamic columns.
- **Built** features for **managing** and **editing** tabular data, including inline cell editing, filtering, sorting, and full-text search.
- **Implemented** infinite scrolling and virtualized rendering for performance on **large datasets**.
- **Self-taught the T3 stack** and delivered the project's core functionality in 2 weeks while working full-time.
- Strengthened skills in full-stack architecture, component design, and working with unfamiliar technologies.

Skills

Languages: Python, JavaScript, HTML/CSS, Java, R, SQL

Frameworks & Libraries: React, Node.js, Express.js, Tailwind CSS, Next.js, TRPC, pandas, matplotlib, scikit-learn

Databases: MongoDB, PostgreSQL, Prisma, SQLite

Tools & Technologies: Git, GitHub, VS Code, Webpack, Postman, REST APIs