

(CRIS) JINGYI YU

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[LinkedIn Profile](#)

Skills

- **Programming:** C/C++, Python, Java, JavaScript
- **Data Analysis:** Python (Pandas, NumPy), SQL, Tableau
- **Embedded Systems:** hardware architecture, debugging, and testing processes
- **Other Skills:** Strong problem-solving, Cross-functional collaboration, Creativity, detail-oriented, adaptability, quick learning, multilingual

Professional Experience

Australian Institute for Machine Learning

Machine Learning Intern | 03/2024 – 07/2024

- **Converted proof-of-concept AI algorithms into real, flawless products**, optimizing real-time performance by 20%.
- Conducted extensive **test case coding, debugging**, and **documentation** to enhance algorithm accuracy by 20%.
- **Led** a multidisciplinary team of software engineers and music experts to **develop innovative solutions** for **complex pattern recognition tasks**.

DHL Global Forwarding

System Optimization Specialist | 04/2021 – 07/2022

- **Developed and deployed Python-based optimization tools** to automate workflows, reducing processing time by 30%.
- Identified and resolved **system bottlenecks**, applying **data structures and algorithms** knowledge to improve system performance by **20%**.

Chengdu Zhongxin Hengyuan Enterprise Management Consulting Co., Ltd.

Part-time ICT Support | 07/2020 – 02/2021

- **Configured** computers and accounts using **Git** for version control, reducing downtime by **25%** with IT support for over **50 employees**
- **Maintained electronics hardware** and networking equipment to ensure reliable IT infrastructure.

SkyCity Adelaide

Guest Experience Coordinator | 11/2024 – Present

- Delivered **customer-centric service** by **identifying client needs** and **collaborating with teams** to enhance satisfaction and **operational efficiency**.

TK Maxx Australia

Sales Associate | 09/2023 – 01/2024

- **Streamlined dispatch workflows** for 1,000+ items daily and **analyzed sales data** to optimize **stock allocation**, improving **availability** and **turnover** by 15%.

Project

AI-Powered Chat Platform

Data Analyst & Web Developer | 02/2024 – 06/2024

[GitHub Repository](#)

- Designed modular **React components** for improved **software development processes** and intuitive navigation.
- **Developed and managed** MySQL databases, creating tables for admin dashboard, file management, statistics using **primary and foreign keys** for data integrity.
- Integrated AI-powered analytics for tracking user behavior, showcasing expertise in **building scalable and efficient solutions**.

Education

University of Adelaide

Master of Computing and Innovation | 02/2023 – 11/2024

Civil Aviation Flight University of China

Bachelor of Aviation Logistics Engineering | 09/2017 – 06/2021

Professional Development

AWS Certified Cloud Practitioner

Certificate | 11/2024

- Demonstrated expertise in **cloud solutions**, including **scalable architectures** and **cloud-based processing**.

Adelaide Graduate Award

Certificate | 11/2024

- Gained extensive experience in **problem-solving**, **collaboration**, and delivering results through internships, paid work, and **community-driven initiatives**, emphasizing an **outcome-focused approach**.

Career Mentoring Program

Mentee | 02/2024 – Present

- Advanced skills in **automation**, **process optimization**, and **architectural solutions** with mentorship from industry experts at Google and ATO.

Data Analyst, Deloitte

Certificate | 02/2024 – 03/2024

- Applied **data analytics**, **coding**, and **debugging principles** to real-world projects, showcasing strong knowledge of **data structures and algorithms**

NSW Government Virtual Internship Program

Virtual Intern | 06/2023 – 08/2023

- Developed expertise in **digital systems**, **data analysis**, and public service applications, leveraging skills in **Python scripting**

Volunteer Experience

Adelaide Women and Children's Hospital

Volunteer | 06/2023 – 09/2023

- Led efforts to raise **over \$30,000** for medical supplies, demonstrating **collaboration** and **mission-driven focus**.

Adelaide City Library Digital Club

Innovation Lab Volunteer | 06/2023 – 07/2023

- **Introduced** technologies like 3D printing, robotics, and virtual reality to over **100 visitors**, showcasing **creativity** in complex systems

University of Adelaide Open day

Volunteer | 08/2023

- Guided campus tours, fostering a **collaborative environment** and providing insights for future students.

Reference

Dale Cousins

Service Delivery Manager & Automation Lead | Australian Taxation Office

Email: dalecousins83@gmail.com | Phone: 0417 804 327

Daniel Calabro

Store Manager | TK Maxx Australia

Email: dcalabro2804@gmail.com | Phone: 0433 358 813