

Jayden Pham

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EXPERIENCE

ANSCenter

Sep 2024 - Present

Machine Learning Intern

Sydney, NSW

- Developed and trained ML models, achieving an average accuracy improvement of 12% across projects
- Optimized algorithms for predictive analysis, reducing processing time by 20% and enhancing model performance
- Improved feature selection processes, contributing to a 30% reduction in data processing requirements

Talent 100

Mar 2022 - Sep 2023

Academic Mentor

Sydney, NSW

- Delivered HSC Maths and Physics lessons to classes of up to 8 students, improved grades up to 35%
- Provided lessons in Maths, Economics, Physics and Chemistry to Preliminary and HSC students

PROJECTS

Gremlin Game | Java, OOP, Gradle, Image Processing

2022

- Developed an arcade game using Java, featuring keyboard controls and multiple interactive entities
- Leveraged OOP principles to govern interactions and maintain a modular and efficient codebase

Simple Stock Exchange | C, IPC, Memory Management

2023

- Developed a simple exchange and traders program in C, simulating a stock market environment where trader programs can place buy and sell orders
- Utilized processes, dynamic memory allocation and IPC to facilitate real-time trading interactions

TECHNICAL SKILLS

Languages: Python (Proficient), Java (Proficient), C (Proficient), HTML/CSS (Intermediate)

Tools: Git (Proficient), Gradle (Proficient), JUnit (Intermediate)

EDUCATION

The University of Sydney

2022 - Present

Bachelor of Advanced Computing and Bachelor of Commerce (Dalyell Scholar)

WAM: 87.2

- Awards and Honours:
 - Dean's List excellence in academic performance 2022
 - School of Computer Science's Undergraduate High Honour Roll 2022
- Ranked 9th in COMP2017: System Programming, 7th in INFO1112: OS and Network Platforms

Seoul National University

2024 - 2024

Machine Learning in Finance - GPA 4.0

Knox Grammar School

2019 - 2021

- ATAR: 99.45

LEADERSHIP & EXTRACURRICULARS

ViSUS (Vietnamese International Students at USYD)

Mar 2023 - Present

President

- Leading a team of 15 to organize events, increased number of events by 20% and attendance by 50%
- Utilised organisational and public speaking skills to host events and secure sponsors

Sydney University Business Society

Mar 2023 - Present

IT Director

- Maintaining the SUBS website using Webflow and managing the email system using Google Admin