

Ayers Fong

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A fast-learning individual with a drive for continuous growth, excelling in high-pressure environments. Passionate about leveraging AI to enhance daily life and create meaningful impact.

EDUCATION

Singapore Institute of Technology

Bachelor of Science (Honours) in Computing Science

Singapore

Expected Graduation, August 2026

- **GPA:** 4.47/5.00
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Networks, Programming Methodology in C, Web Programming, Cloud Computing, Data Analytics

Temasek Polytechnic

Diploma in Accounting and Finance

Singapore

April 2018 - April 2021 (3 years)

SKILLS

Programming: Java, Python, HTML, CSS, SQL, C

Tools: Agile, AWS, Jupyter Notebooks, Git

ACADEMIC PROJECTS

Sales and Natural Language Processing (NLP) Dashboard for Panasonic

Singapore

Product Owner

Sept 2024 - March 2025 (8 Months)

- Spearheaded an 8-month development of a Sales and NLP dashboard, optimizing processes by defining a product vision, managing the backlog, and prioritizing tasks with an 8-member team.
- Delivered dashboards on schedule with satisfactory outcomes in the past 3 Sprint Reviews, leveraging customer feedback and Agile ceremonies.
- Designed and developed an application featuring 1 Sales dashboard, 2 NLP dashboards, and a combined dashboard, empowering actionable insights through analysis of NLP-generated textual data.
- Technologies: Python, Streamlit, Agile Project Management

Enterprise Resource Planning Web Application

Singapore

Team Lead

May 2024 - July 2024 (3 Months)

- Led a team of 8 students and achieved an A grade by coordinating team workflows such as generating new feature ideas, breaking down tasks, delegating responsibilities, and ensuring the timely completion of deliverables.
- Designed and developed an MVC-based web application. Featuring a reservation system, employee, and inventory management to help restaurants streamline business processes and automate reservation bookings.
- Front-End Technologies: HTML, CSS, JavaScript
- Back-End Technologies: .NET, MySQL

PERSONAL PROJECTS

HDB BTO Price Prediction using Machine Learning

Singapore

Owner

Dec 2024 - Jan 2025

- Developed a Linear Regression model that predicts the prices of HDB BTO prices.
- Utilized Data Processing techniques such as data cleaning and one-hot encoding to process categorical data.
- Achieved a precision score of 74% and a root mean squared error of 68,975 SGDT
- Technologies: Python, Pandas, NumPy, Scikit-learn, Matplotlib

EXPERIENCE

Officer

Singapore

Singapore Armed Forces (SAF)

Jul 2021 – July 2023 (2 Years)

- Led a specialized team of 12 over 10 high-intensity reconnaissance operations.
- Reduced dropout rate of 2 outfield training by 20% as a Safety Officer by enforcing strict safety protocols.
- Contributed to achieving the Best Combat Unit for ATEC evaluation in 2023 by optimizing team performance.

Assurance Intern**Singapore***Foo Kon Tan**Sep 2020 – Jan 2021 (5 Months)*

- Collaborated with a team on 3 companies' financial and statutory audit projects.
- Conducted analytical reviews of audit documentation.
- Assisted in the preparation of crucial supporting documents to substantiate financial statement assertions.
- Enhanced vouching process for audit documentation, resulting in a 50% increase in efficiency.

CERTIFICATIONS

AWS Academy Cloud Foundations by Amazon Web Services Training and Certification	Oct 2024
Getting up to speed with Docker by Dell	Sep 2024
Literacy in AI by AI4I®	Aug 2024
Introduction to Python by DataCamp	Aug 2023
Intermediate Python by DataCamp	Aug 2023

AWARDS

CCA Dedication Award by Temasek Polytechnic	Aug 2021
CCA MERIT (Sports) by Temasek Polytechnic	Sep 2020
Colours Award for Water Polo by Singapore Schools Sports Council	Sep 2017
Edusave Scholarship by Ministry of Education	Jan 2017
Colours Award for Water Polo by Singapore Schools Sports Council	Sep 2016
Edusave Scholarship by Ministry of Education	Jan 2016
Edusave Merit Bursary by Ministry of Education	Jan 2015