

Amber Yeo En

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EDUCATION

Nanyang Polytechnic

Ang Mo Kio

Diploma of Applied AI and Analytics (CGPA: 3.97)

Graduation Year: 2025

- Organisations/Awards: NYP-SAS Scholar, Director's List AY2022/23 S1 & S2, AY2023/24 S1 and , AY2024/25 S1, 1st Runner Up for AWS Build On Singapore Hackathon 2022 (Tertiary Category), GovTech GeekOut Bootcamp, Coursera Google IT Automation Badge, Microsoft Power BI Data Analyst Associate, Google Cloud Computing

LEADERSHIP EXPERIENCE

Nanyang Polytechnic

Ang Mo Kio

Google Developer Student Club Lead (President)

August 2023 - September 2024

- Organized and hosted events on frameworks and concepts like Python, Google Cloud and SQL, drawing over 50 participants per event.
- Adapted swiftly to a fast-paced, collaborative environment, willingly taking on additional responsibilities when needed.
- Cultivated open communication and strong rapport among club members, facilitating better understanding and aligning goals and expectations.
- Represented NYP GDSC in the regional GDSC summit.

INTERNSHIP

Pre-sales Data Science Intern

SAS Institute

February 2025

- Designed and delivered customer workshops on SAS Viya services, including Model Studio and Job Execution, to showcase capabilities and drive adoption among enterprise users.
- Developed an end-to-end NLP demo for banking and finance, leveraging SAS solutions to analyze operational risks and automate adverse news monitoring.
- Built interactive web applications based on client feedback, enhancing existing solutions for improved usability and efficiency.
- Engaged with clients in technical discussions, gathering requirements, providing demonstrations, and aligning solutions to business needs

PROJECTS

Big Data Management Project

Nanyang Polytechnic

Module: Distinction Grade

August 2024

- Developed a big data pipeline by collecting, cleaning, and transforming large datasets using API calls.
- Automated data collection using Google Cloud VM, streamlining the ingestion process for continuous data updates.
- Trained a predictive model for win rate estimation with 98% accuracy and implemented an association rule mining model for a team composition and counter picks recommendation system.
- Increased adoption rate by 80% through an optimized, data-driven solution that improved usability and game enjoyment.

Predictive Analytics Project

Nanyang Polytechnic

Module: A Grade

August 2023

- Performed data collection, cleaning, and transformation following business requirements and data protection principles
- Apply relevant predictive modelling techniques on SAS Viya to predict the desired business outcomes to meet the service expectations of the key stakeholders.
- Work collaboratively in a team to develop dashboards using data storytelling approach for an effective narrative and visual representation of their predictive analytics project.

AWARDS

AWS Build On Singapore Hackathon 2022 (Tertiary Category)

AWS

1st Runner Up

October 2022

- Proactively embraced the challenge of learning AWS in a short timeframe, enabling efficient project development and execution.
- Consulted with my mentor to address any areas of uncertainty and enhance my understanding.
- Exhibited perseverance and dedication through multiple rounds of building and testing a prototype model for the final presentation and pitching, highlighting commitment to delivering a high-quality and well-prepared solution.

SKILLS & INTERESTS

Skills: Microsoft Office (Excel, PowerPoint) | HTML | CSS | JavaScript | SQL | Oracle | Python | Ubuntu | Linux | PowerBI | Git | GitHub | Google Cloud | AWS Cloud | ReactJS | R | Tableau | PHP | SAS Viya

Interests: AI, Data Analytics, UX Design, Front-End Developer, Interacting with people