

# Amber Yeo En

Singapore | [LinkedIn](#) | +65 91717374 | [Amberyeoen@gmail.com](mailto:Amberyeoen@gmail.com) | [Website](#)

## 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

### SAS Institute

Guoco Tower

*Pre-sales Data Science Intern*

*September 2024 - 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

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### 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

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**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