MEAGEN CHONG
Temasek Polytechnic Applied Artificial Intelligence Student

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EDUCATION

Applied Artificial Intelligence
Temasek Polytechnic

2024 - 2027
- Achieved Director's List in Year 1

COMPETITION

Worldskills 2025

Software Testing

SKILLS

Programming & Development:
- Python
- HTML, CSS, JS
- Flutter
- Machine Learning
- Deep Learning
- Natural Language Processing

Cloud & Data Tools:
- AWS
- MySQL Workbench
- UiPath
- Knime
- Power BI

Soft Skills:
- Problem-Solving
- Time Management
- Attention to Detail

LEADERSHIP ROLES

AAI Student Interest Group
Honarary Treasurer

2025 - Present
- Organised activities and events for AAI students.
- Managed finances and budgeting for CCA operations.

ABOUT ME

A motivated Applied Artificial Intelligence student at Temasek Polytechnic (2024–2026), recognised on the Director's List for academic excellence. Skilled in Python, JavaScript, SQL, AWS, UiPath, and Flutter, with hands-on experience in application development, machine learning, cloud deployment, data analytics, and automation. Active contributor to student life as the Honorary Treasurer of the AAI Student Interest Group, organising activities and managing finances. Previous experience at IRAS and in a production environment strengthened my ability to communicate clearly, solve problems under pressure, and work efficiently with attention to detail. Passionate about applying AI, cloud technologies, and automation to create innovative, real-world solutions.

KEY PROJECTS

- **Machine Learning Model Deployment**: Trained ML models to predict Smoker and Drinkers in Python and deployed via Streamlit.
- **Cloud Web Application**: Developed and deployed an AWS full-stack web application with Rekognition.
- **Mobile App for Sustainability**: Built a mobile app in Flutter focused on reducing food waste with NETS QR payment integration.
- **Robotic Process Automation**: Automated business tasks like expense claim with UiPath, including data extraction and workflow automation.
- **Application Development Project**: Created functional websites with HTML/CSS/JS as part of project-based learning
- **Database & Web Integration**: Designed relational databases with MySQL Workbench and integrated with web applications.
- **Data Visualisation Project**: Cleaned, processed, and visualised data using KNIME and Power BI for predictive analytics.

WORK EXPERIENCE

IRAS Tax Officer (Part-Time)

Inland Revenue Authority of Singapore, Feb 2024 - Apr 2024
- Handled high call volumes during Singapore's peak tax filing period.
- Provided accurate and patient explanations to taxpayers.
- Strengthened skills in customer service, problem-solving, and clear communication under pressure.

Packing & Quality Check(Part-Time)

Bacha Coffee (Feb 2024 - Apr 2024), CPO (Sept 2025 - Oct 2025)
- Packed products in production & logistics, ensuring accuracy and consistency in packaging.
- Cleaned and inspected coffee & iPhones before packaging.
- Met daily output targets while building efficiency, teamwork, time management, and strong attention to detail in fast-paced settings