JOVAN
TAN

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PERSONAL PROFILE

Hi, I'm Jovan Tan, a Singapore Polytechnic student pursuing a diploma in Applied Artificial Intelligence and Analytics. I am a dedicated learner with strong time management, meticulous attention to detail, excellent written and verbal communication, analytical skills, and a keen interest in AI technology, data science and web development.

WORK EXPERIENCE (RELATED)

Data Entry | PropNex
DATES FROM FEB 2022 – TO MAR 2022
In charge of:

- taking photos of brochures
- editing the photos to fit the requirements
- uploading to database

Freelance Programmer
Provide custom services
DATES FROM MAY 2022 – ONGOING

- Provide freelance service for clients.
- 24/7 Hosting of responsive websites (www.jovan.work is an example)
- Custom domain hosting
- Discord and Telegram Bot

Software Development Intern | Industry Platform
DATES FROM MARCH 2024 – TO JAN 2025
In charge of:

- Built a scalable registration site with email services and CRM integration
- Automated CRM report scheduling using cron jobs
- Developed custom Google Sheets features with Apps Script
- Created an AI-powered business card extractor with CRM integration

HACKATHONS

Solid Pods Hackathon | IMDA | 2nd Place
September 2024
Exploring decentralised data solutions

AI CTF | Govtech | 5th Place
November 2024
Exploring and Hacking AI Security Challenges in 7 domains

EDUCATION

Diploma in Applied Analytics & Artificial Intelligence | Singapore Polytechnic
EXPECTED GRADUATION IN 2025

GCE "O" Levels (2021)| Maris Stella High School
GRADUATED IN 2021

O-levels L1R4 Net Aggregate: 8

Distinction in Elementary Mathematics, Additional Mathematics, Physics, Computing

2 SYF Distinction (2019, 2021)

PROJECTS

Vege Prediction Website (Deep Learning, Full Stack, DevOps)
- Developed a full-stack vegetable prediction website, creating and training a custom Convolutional Neural Network from scratch on a dataset of 15 vegetables, achieving 99.4% accuracy
- Integrated the model into the website for real-time predictions
- Applied DevOps practices using GitLab, managing development with a Scrum board and organized git branching

Car Price Prediction (Machine Learning, Full Stack, DevOps)
- Developed a full-stack car price prediction website. Creating and training a custom

CCA

- SEED Special Interest Group
  - Hosted several events to help students. (Leadership)
  - Participated in community service projects to help the community. (Community service)
  - Participated in internal coding competitions.

KNOWLEDGE & SKILLS

Technical skills:

- Web Development
  - Flask, NextJS, VueJS, jQuery & Axios, Nodejs & Express, Microsoft Power Apps
- Data Analytics
  - Python, Pandas, Numpy, Matplotlib, Minitab
- Data Visualization
  - Seaborn, Plotly, Tableau, Power BI
- Machine Learning & Deep Learning
  - Sklearn, Tensorflow, Keras, Orange Data Mining, Lobe AI, Torch
- Database Management
  - MySQL, MongoDB, SQL Server Management Studio, Docker

Soft Skills:

- Teamwork
- Effective communication
- Problem solving

- Attention to details.

Languages:

- English (Very fluent in communication and writing)
- Chinese (Fluent in communication and writing)
- Public Speaking communication skills (Grade 5 Certified)