Andy Hwang Sau Yee

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Soon to be graduate who enjoys developing web and mobile app.

ABOUT ME

Self-learning on Web and Mobile App Development. Built the Backend Server for the web application in Sun Life using Python-Flask. Have previously built a Machine Learning Model which includes KNN, Cross Validation and Hierarchical Clustering using R. Currently self-learning about Flutter, node.js, and PostgreSQL to build a Document OCR Mobile Application for my FYP. Check out my GitHub profile to see what I've done!

PROGRAMMING LANGUAGE

Comfortable :: Python | R | Pandas | Flask | PostgreSQL
Improving :: Flutter | HTML | CSS | JavaScript | React.JS

SKILLS

Confident :: Data Analysis | Statistics | REST API | Predictive Modelling | Leadership | Teamwork
Improving :: Web Development | Mobile Development | Machine Learning

PROFESSIONAL EXPERIENCE

SUN LIFE MALAYSIA | Backend Web Developer Intern

Oct 2021 – Dec 2021 | Kuala Lumpur, Malaysia
- Utilised **Python-Flask** to build the Backend Server for a Document Tracking Web App that connects to PostgreSQL Database
- Create wireframes for the Analysis page and Funnel page, and used SQLalchemy to query data
- Deployment and hosting the Backend server using **Heroku, nginx and ngrok**.
- Assisted in building Language Processing Models using scikit-learn, regex.

ALICE ASAM LAKSA | Co-founder and Manager

Apr 2020 – June 2021 | Puchong, Malaysia
- Creating Marketing Content on Social Media.
- Handling of administrative and financial duties.
- Ensuring smooth flow of business from operations to sales.
- Ensuring the best quality of food for customer satisfaction.

PART TIME EXPERIENCE

DRIVEN COMMUNICATIONS | Freelance Event Work

May 2015 – Present | Kuala Lumpur, Malaysia
- Crowd-control, ushering, station handling, and attend to customers or participant needs.
- Storekeeping and finance tracking.
- Ensuring safeness of all individual during events.
- Lead crew members in running events.

PERSONAL PROJECTS

DOCOCR | Flutter – Node.js – PostgreSQL | COMPLETED

Aim to automate the document process by implementing Optical Character Recognition to capture important data
- Current phase: Requesting data from backend server to be displayed in the app.
- Stack: **Flutter | Node.js | PostgreSQL | Tesseract**
- Flutter: https://github.com/Hwang2212/dococr

- Backend Node.js: https://github.com/Hwang2212/dococr_backend

PERSONAL PORTFOLIO PAGE | HTML – CSS – JavaScript | ONGOING

Using what I've learned from Air Asia Bootcamp to create my own personal portfolio to showcase my experience.

Incomplete Policy Tracking System Backend | Python-Flask | COMPLETED

In my industrial training with Sun Life Malaysia, I was tasked with two other peers to build a Policy Tracking System to track client's document state. Built functions for analysis, graph charting, and communications.

- Stack: **Vue.js (Brief) | Python-Flask | PostgreSQL | Heroku**

EDUCATION

UTAR | Bachelor of Degree (Hons) Actuarial Science

Expected Graduation: **September 2022** | Bandar Sungai Long, Selangor

- CGPA: 2.9740 | GPA [January 2022]: 3.2062
- SOA FM December 2020 Achiever
- UTAR Degree Top Achiever Half Scholarship – May 2018 to October 2018
- UTAR Pre-U Foundation Top Achiever 25% Scholarship – May 2017 to May 2018
- Secretary - **Importance of Communication Skill in The Workplace & Tax Evasion and its Impact on Developing Countries** Online Talk
- Volunteer – **Kuala Lumpur Engineering and Science Fair 2017**

Air Asia Academy | Software Engineering Certification

July 2022 | KL Sentral, Kuala Lumpur

- Hands-on learning on **HTML, CSS, Javascript, React.js, node.js, Go Lang, and Software Testing**

INTERESTS

Jogging | Go-Karting | Badminton | Minecraft | Games | Travelling