Yang Kai Yam, Alan

Software Engineer

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Ability

Frontend Skills
- Android Kotlin
- Ionic
- ReactJS
- Angular
- NextJS

Backend Skills
- Flask
- ExpressJS
- Java Spring Boot
- Docker

Data Management Skills
- MSSQL
- MongoDB
- SQLite
- AWS

Machine Learning Skills
- NLTK
- Spacy
- SkLearn
- CNN

Awarded Scholarship

- HKSAR Government Scholarship on Outstanding Performance 2020/21, 2021/22

- InfoTech Job Market Driven Scholarship

- OP-Smooth Computer Scholarship

- H.K. & Kowloon Electrical Appliances Merchants Association Social Welfare Funds Scholarship

PERSONAL SUMMARY

A **First Class Honors** graduate with experienced software development and working experience in multinational corporations with **Agile**. Familiar with app and web development lifecycle, NLP and **Machine Learning** with **modern frameworks** and **design patterns**. Currently looking for opportunities for a Master in Computer Science from Canada.

EDUCATION

City University of Hong Kong (Sept 2018 - Jun 2022)
Information Engineering | Bachelor of Engineering (Hons)
- CGPA: 3.83 / 4.30 (First Class Honors, WES Evaluation: 3.88 / 4.0, Rank: 2 / 80)
  - Awarded with Dean's List in the following semesters:
    - 2019/20 Sem A, 2019/20 Sem B, 2020/21 Sem A, 2021/22 Sem B

WORK EXPERIENCE

Lalamove - Software Engineer, Mobile. (June 2022 - Present)
Skill Involved: Java, Kotlin, NodeJS, Firebase, Android Jetpack, MySQL, Postgresql, Jira
- Develop and maintain **Android Driver App** by Version Control and Agile Methodology
- Manage and handle the **code refactoring** based on different **Software Design Patterns** and **MVVM Architectures** to ensure the code quality
- Extend existing app with new features and prepared proofs-of-concept using the latest Android components and frontend frameworks

Solos Technology Limited - Full Stack Developer (Sep 2021 - May 2022)
Skill Involved: Ionic Framework, Angular, Typescript, NextJS, ReactJS, MongoDB, Python
- Design, develop and debug mobile apps with **Ionic Framework** and Android SDK for smart glasses with test cases implementation
- Develop an **EQ Calibration App** with a sound equalizer and a **backend portal** for CES 2021
- Prepare a prototype model to perform **CNN** to classify human activities by glasses sensors

Orient Overseas Container Line Limited - IT intern (April 2021 - Sep 2021)
Skill Involved: C#, VueJS, MSSQL, HashiCorp Vault, REST API, Postman
- Work in **Agile**, build a portal to cope with the management of the **database** with the higher security standard. Design a data comparator for EDI migration projects

PROJECT EXPERIENCE

News Intelligence Platform with Text Mining and NLP
Skill Involved: Python, Flask, BeautifulSoup, Scikit-Learn, Tweepy, Bootstrap, NLTK, Spacy
- A **Client-Server Web** project developed with **NLP** technique and **Machine Learning** to perform news articles analysis
- Implementing a data visualization dashboard to analyze the text with **summarization**, classification, and prediction
- **Web scraping** and data mining to analyze the social media opinions from Twitter

ACHIEVEMENT

- Final Year Project Competition - **Honorary Mention Prize**
- The 8th Hong Kong University Student Innovation & Entrepreneurship Competition - **Merit Prize in Information Technology**
- Microchip - Certificate of Qualification in PIC18 structure and programming
- Development Bureau - **Certificate of Engineer Training**