

GEOFFREY WONG HIN

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Resume Site: <https://react-resume-eight.vercel.app/>

EDUCATION

B.Sc. in Computer Science, THE CHINESE UNIVERSITY OF HONG KONG

09/2018 – 07/2021

GPA: 3.85

Scholarship/Award:

- Gold Award for Outstanding Academic Performance
- Prof SC Loh Scholarship for CSE
- Li Po Chun Charit T Fund UGD
- Yu To Sang Memorial Scholarship 2019/20
- ELITE Stream Scholarship
- CodeVita 2018 Hong Kong 1st runner-up (Python & C)

WORK EXPERIENCE

DATA SCIENTIST, HOTMOB LIMITED

07/2021 - 06-2023

- Fully responsible for **crawling online websites and processing unorganized web data** with models trained with **GPT-2 (Traditional Chinese)** to analyze sentiments, classify interests, and extract keywords, increasing crawling capacity by more than **10 times with half the cost**.
- Impressed the **Business Intelligence Team of Prudential HK** with out-of-scope exploration in projects, including training deep learning models to predict insurance fraud, adding explanations to inference output, and revamping their data processing system originally in SAS.
- Using **Airflow**, modularized and fully automated each component of the company's pipeline, including log file preprocessing and the generation of client-facing reports.
- Developed **two dashboards** to showcase exceptional behavior in subscribed emails and browsing patterns, including web and app usage and location-based data.

AI DEVELOPER INTERN, FLYING MILK TEA LIMITED

07/2020 - 09/2020

- Performed Web Crawling on Multiple Art-Sharing Websites with **Selenium** to Collect Images and 3D Model Data
- Built a Generator that Converts 2D Images into 3D Models

SKILLS

Language: Cantonese (Native), English (Fluent), Mandarin (Fluent)

Technical Skills:

- Proficient in Machine Learning Frameworks (Pytorch, TensorFlow, Keras, Scikit-learn)
- Proficient in Programming (Python, C, JAVA, SQL)
- Proficient in Cloud Platform (GCP, Azure, AWS)
- Experience with Data Pipeline (Apache Beam, Hadoop, Spark)
- Experience with Data Visualization (Looker Studio, Tableau, PowerBI)
- Experience with Frontend Development (React JS)
- Experience with Backend Development (Flask, Django)
- Proficient in Fine-Tuning and Deploying Large Language Models and Stable Diffusion

COMPUTER SCIENCE PROJECT

- Developed a **Computer Vision** system for Parkinson's Disease diagnosis that outperformed previous techniques (Final Year Project)
- Built an **Ensemble** Atrial Fibrillation classifier with accuracy comparable to the 2017 PhysioNet Competition winner (Individual TensorFlow Project)
- Evaluated the randomness of card shuffling techniques using a **Recurrent Neural Network** predictor and a simulated card guessing game (Group TensorFlow/Programming Project)
- Wrote a **Review Paper** comparing 10 different machine learning classifiers for pre-mRNA splicing prediction (Individual Bioinformatic Project)