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EDUCATION

2018   **Machine Learning Advanced Solution Lab - Google**
- Developed content-based and collaborative filtering recommendation system

2015 - 2017   **Bachelor of Engineering (Dropout) - Monash University Malaysia**
- Electrical and Computer Systems Engineering (High Achiever Award 2015)

WORKING EXPERIENCES

Oct 2019 - Present   **TribeHired.com - Software Engineer (Contract)**
- Working on enterprise back office products
- Created notification services to notify clients about their transactions with back officers
- Created system to auto assign agent to support clients

Oct 2018 - Oct 2019   **AirAsia - Software Engineer**
- Responsible to maintain airasia.com
- Integrated machine learning model to predict customers' behaviors and increased meal sales by 1%
- Developed A/B tests experiments
- Helped in building pipelines to employ machine learning model to annotate sentiment of NPS comments that saved at least 100 hours of labour labelling per month

Feb 2018 - Jan 2019   **Independent Software Developer (Back-end Developer)**
- Developed a web app for remote supervision of electrical substations
- Built data-infra that collects over 100 columns of real time data - to predict the ROI of the hydroelectric power plant

PROJECTS

[reportingjs](#) - Export data in different formats on browsers
[chudriver](#) - Friendlier APIs to use google ecosystem (server to server)
[goparser](#) - A golang parser heavily inspired by python pandas package
[AirAsia NPS Sentiment Analysis](#) - Pre-trained model to annotate comments
[Instastalk](#) - Web scrape Instagram and automate to download all posts and stories

SKILLS

Proficient in Python, C++, Golang, Node.js, Javascript, Typescript, C#, Matlab, R, SQL
Experienced in Numpy, Pandas, Sklearn, Keras, Fastai, TensorFlow, PyTorch, Flask, Django, MEAN, Vue, React, Map-reduce, Apache Beam, PySpark, Luigi, Airflow

AREA OF INTERESTS

Machine learning, artificial intelligence, probability and statistics, numerical analysis
Quantum physics, particle physics

NOTABLE ACHIEVEMENTS

2019 Agoda Programming Competition (Top 50)
2019 [Grab AI for SEA (Top 50)](#)
2019 [Shopee National Data Science Challenge (Top 30%)](#)
2014 Malaysian Representative in Asian Physics Olympiad (APhO) 2014