Yap Jian Shen

10 October 1992
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EDUCATION

Monash University Malaysia   *Jul 2012 – Jul 2016*
Bachelor of Engineering (Electrical and Computer System)

- WAM : 86.09 || CGPA : 3.97 || H1 First Class Honours
- Awards: JPA Scholarship (Full), Dean's Honour List 2013, 2014, 2015 & 2016 (Faculty of Engineering), Best Final Year Project Award (3rd Place)

WORK HISTORY

Wooppy Sdn. Bhd.   *Oct 2017 – Aug 2018*
AI System Developer

- Part of the core technical team which developed a Deep Learning based Customer Service Chatbot
- Built Extraction, Transform, Load (ETL) pipeline and infrastructure with Apache Zeppelin and MongoDB
- Job responsibilities included cleaning, parsing, analysing, labelling, visualizing training data (Image, Text, Conversation)
- Trained an ecommerce image categorizing system with Google Inception v3
- Lead developer in prototyping using web applications

Dango Digital PLT   *Jan 2016 – Present*
Web Developer/ Partner

- Partner of a company who specialized in building bespoke web applications.
- Strong advocator of Django, a Python-based web framework.
- Emphasis on industrial software conventions and automations, e.g. Test (Unit Test and Integration Test), Continuous Integration and Continuous Delivery (CI/CD), Containerize applications (Docker and Kubernetes)
- Developed a listing application for a royalty-based start-up.
- Developed a Learning Management System for a secondary school tuition centre. Its feature includes gamified quiz answering, result monitoring, in app communication between parents, tutor, and students.
- Developed a tool advisor for a solid carbide cutting tools manufacturer

Astro @ eGG Network   *May 2017 – Aug 2017*
Contractor – Web Developer

- Developed a Django(Python) based Content Management System(CMS) to facilitate web content production
- Extended said web application's features with React.js
- Built a web API framework with Django Rest Framework

CloudDesk   *Dec 2015 – Feb 2016*
Intern

- Developed a web application that displayed and monitored the usage of workstations (local computers)
- Assisted in automating the generation of Window Server 2012 r2's virtual machines (VMs) through a user portal

SKILLS

* In descending order of proficiency
Language*: Chinese, English, Cantonese, Malay
Programming Language*: Python, Javascript, HTML, CSS, PHP, SQL, MATLAB, Java , C/C++
Frameworks/Main Libraries : Django, Tensorflow, Pandas, NumPy, Scrapy, Node.js, Angular.js, React.js, Vue.js, Sass, Docker, CodeIgniter, MySQL, PostgreSQL, Spring Boot, StanfordNLP
Learning/Acquiring : Cloud Infrastructure (GCP, AWS), Linux programming, Kubenetes, Keras
Interests : Machine Learning, Data Science, Cloud Computing, Web Development

LIFE

Sports : Competitive Ultimate Frisbee, Strength and Conditioning
Hobby : Literature (Writing), Music (Piano), Tutoring, Competitive Video Games