JING WEI CHAN

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EDUCATION

MEng Electrical and Electronic Engineering | Predicted 1st class honours
University College London | Sep 2016 - Jun 2020
Final Year Project: Sensor Arrays for Movement Sensing (Parkinson's Disease)
Courseworks - Digital Signal Processing, Network Systems, IoT, Security and Privacy, Marketing
Technical Systems Used - Anaconda, Jupyter, MATLAB
Coding Competency - Python, JavaScript, NodeJS, Java
Integrated Engineering - Led engineers from different faculties to solve energy-related issues in Uganda

Awards
2014	ASEAN Scholarship Holder	Temasek Junior College
2017	Winner, idea: mood-sensitive lighting	Tadhack London
2018	Most popular passenger flow visualisation	London Open Data Hackathon

TECHNICAL WORKING EXPERIENCES

EV Technology | Data Analyst Intern
London | Jun 2019 - Sep 2019
- Handle large amounts of electric vehicle data and carry out data merging
- Analyse the effect of vehicle events (e.g. harsh left turn) and their severity on journey statistics
- Deduce electric vehicle eco score for each trip
- Written charge-prioritisation algorithms which saved £80 per week in a fleet simulation program

Keysight Technologies | Full Stack Mobile App Developer
Singapore | Jun 2018 - Sep 2018
- Worked on back-end (API) and front-end (UI) of mobile app using express.js and Ionic Cordova
- Created a mobile app catalogue to automate the push notification services for the sales team
- Learnt about databases, planned and laid out the data structure for catalogue and updates
- Participated in internal hackathon to further predict and improve product life span.

Common Extract | Front End Mobile App Developer
Malaysia | Apr 2016 - Aug 2016
- Worked effectively to deliver social networking apps with just 2 months of programming experience
- Learnt how to manage time wisely and write efficient algorithms to handle data
- Created user interfaces using Javascript by using the cross-platform Titanium framework
- Actively brainstormed ideas for location-based services in the app with client and manager

LEADERSHIP EXPERIENCES

MyEdventure | Co-Founder
Malaysia | May 2017 - Dec 2017
- Guided tutors to actively engage beginners and equip them with basic coding skills.
- Read up on education papers and design comprehensive course content for HTML, CSS and Javascript
- Launched a 30-student affordable coding bootcamp to teach web development.

UCL Malaysian Society | Sports Director
University College London | Mar 2017 - Mar 2018
- Took ownership by guiding a team of captains to organize 7 different weekly sports socials and trainings for more than 100 members in the society
- Managed £3000 and allocate to the various sports socials and tournaments across UK
- Coordinated with the captains to lead more than 100 athletes to various sporting events in the UK

OTHER COMPETENCIES

Languages | English, Chinese, Malay