CHAN JING WEI

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TECHNICAL WORKING EXPERIENCES

Shopee | Mobile App Developer (React Native)
Singapore | October 2021 - Present
- Participate in product requirement meetings to provide feedback and current constraints of the system
- Maintain and develop internal React Native UI components based on design requirements
- Maintain and develop homepage and discover landing UI features
- Maintain reusable banner components which are used by multiple pages within app

Galigo | Lead Software Developer
Singapore | March 2021 - September 2021
- Internalise business requirements and delegate tasks for all developers
- Integrate payment infrastructures such as Hitpay and Xfers into application
- Develop front end of web application using React framework

Reality Detector | Full Stack Software Engineer
Singapore | July 2020 - March 2021
- Host Flask application on AWS lightsail, alongside server frameworks like Nginx and Gunicorn
- Carry out performance optimization on python Flask application
- Written GraphQL API to allow users to parse data to and fro AWS DynamoDB
- Written responsive user interface for data labelling tool using React

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

Keysight Technologies | Full Stack App Developer Intern
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

EDUCATION

Electronic Engineering with Computer Science | First-Class Honours
Master's Degree from University College London | Sep 2016 - Jun 2020
  Final Year Project: Sensor Arrays for Movement Sensing (Parkinson's Disease)
  Courseworks - Applied Machine Learning, Network Systems, IoT, Security and Privacy, Complex Networks and Web
  Languages - English (native), Chinese (fluent), Malay (intermediate)
  Integrated Engineering - Led engineers from different faculties to solve energy-related issues in Uganda

GCE A-Level | ASEAN Scholarship Holder
Temasek Junior College | Feb 2014 - Nov 2015

Awards
  2017 Tadhack London | winner: mood-sensitive lighting
  2018 London Open Data Hackathon | most popular idea: underground tube passenger flow visualisation

COLLABORATIVE EXPERIENCE

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

UCL Badminton Team | Captain
University College London | Mar 2018 - Mar 2020
- Coordinated home and away games within the UK throughout 2 seasons
- Managed inventories of the team, including shuttlecocks and rackets
- Plan for the lineups of players before every match

MyEdventure | Co-Founder
Malaysia | May 2017 - Dec 2017
- Launched a coding bootcamp to teach web development
- Designed comprehensive course content for HTML, CSS and Javascript
- Guided tutors to actively engage beginners and equip them with basic coding skills