Edwin **Tan Yi-Xian**

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Education

Sheffield University, MSc (Hons)   **Sheffield, UK**
Software Systems & Internet Technology   (2018 - 2020)
Degree Classification: Distinction, GPA: 75.5 / 100

Northumbria University, BEng (Hons)   **Newcastle, UK**
Electronic Design Engineering Degree   (2015 - 2016)
Degree Classification: Upper second-class honours (2:1)

Penang Skills Development Centre   **Penang, Malaysia**
Diploma in Electronic Engineering   (2012 - 2014)

Experience

Accenture   **Kuala Lumpur, Malaysia**
Technology Analyst - Communication/Media/Technology   **(Sept 2017 - Sept 2018)**

- Involved in digitizing legacy billing system in Telekom Malaysia from paper bills to electronic bills (e-Bill Telekom)
- Responsible for delivering technical designs in Siebel Applications (CRM)
- Worked on a system function that allows Telekom users to generate Customer Trouble Ticket (CTT) in Salesforce
- Helped analyze client's business requirements to better develop technology solutions for them
- Worked closely with developers and business analyst to design client products

Accenture   **Kuala Lumpur, Malaysia**
Analyst (Intern)   **(Sept 2016 - Feb 2017)**

- Aided in a massive project for Telekom Malaysia (Malaysia's Largest Telecommunications Provider)
- Assisted in writing functional and structural test cases for a product enhancement in Telekom
- Provided product training and guidance to our client-users after finished developing the newly enhanced product

Projects

Built an Alexa 'Skill' for Amazon Echo - Dota Analyst (MSc Project Title - Personal Project) (Link)

- Created an Alexa skill that helps to provide information to eSport users regarding the game of Dota
- Established product goals and map them to product features according to user feedback survey
- Applied machine learning methods to predict the game outcomes of matches in the Internationals 2019 tournament
- Build a MVP to test the functional performance and evaluate participants' feedback
- First release of this alexa application was officially launched in Alexa Store in Sept 2019

Pi Wars - A web app that manages results in the Pi Wars Robotics Competition (Team Project) (Link)

- Developed this app using Express- Node.js, MongoDB and Material Design UI.
- Helped to analyse user requirements by organizing functional and nonfunctional requirements in priority order during tight deadlines
- Created user stories and applied an agile approach during the development of this group project
- Designed flow diagram, and launch plan to improve the efficiency of project management within our team members

Employ Me - A web app that helps job search similarly to RatedPeople.com and Indeed.co.uk (Team Project) (Link)

- Built using Express-Node.js, MongoDB for the back-end and W3.CSS for the front-end
- Analysed SWOT of leading competitive products and defined product goals and roadmap
- Drafted a product proposal to list and explain the basic functions required for the first launch

About Me

Programming Languages	Java · JavaScript · Python
Web Technologies	Node.Js · JQuery · React · Bootstrap
Analytics	Tableau · Jupyter
Cloud and Databases	MongoDB · DynamoDB · MySQL · AWS · OpenNebula
Others	Git · Unix Command · Visio · Notion