Seetoh Rui Ming, Daniel

+65 96699580 | danielseetoh92@gmail.com

EDUCATION

Nanyang Technological University, Renaissance Engineering Programme (REP)   **Singapore**
Bachelor of Engineering Science in Computer Science   Aug 2013 – May 2017
Master of Science in Technology Management   Jan 2016 – Dec 2017
- **CGPA:** 4.58/5.00 (First Class Honours)

University of California, Berkeley   **Berkeley, USA**
1-year Study Abroad   Aug 2015 – May 2016
- Directed a team at Hacktech2016, a 36-hour hackathon held at Caltech, to develop an image recognition system that can detect red light signals and warn users verbally; presented prototype at an open exhibition.
- Created a website using Flask and Twitter Bootstrap, and a mobile app using Ionic to crowdsource first aid personnel during medical emergencies, and pitched to venture capitalists as part of an entrepreneurship class.

PROFESSIONAL EXPERIENCE

Palantir Technologies | Software Engineer   Dec 2019 – Present | **London, United Kingdom**
- Working on Foundry (a core product used for visualizing, branching, tracing, and synthesizing data) applications.

Grab | Software Engineer (Full Stack)   Feb 2018 – Nov 2019 | **Singapore**
- Built web application in Ruby on Rails, React, and GraphQL, for internal use by customer experience team regionally. High focus on monitoring and data collection which helped identify performance issues and aided decision making.
- Used AWS infrastructure for quick scaling, efficient use of resources by load balancing, and cached content delivery.
- Worked on backend microservice for customer appeasements, using Golang, DynamoDB, and gRPC.

TD Securities | Web Application Developer Intern   May 2017 – Jul 2017 | **Singapore**
- Built a web application using Java Spring and AngularJs for employees across the Singapore, London & Toronto offices to monitor statuses of hundreds of systems, allowing scalability and easy integration. Features included APIs for manual/automated updates, email notifications, and data visualization using d3.

CLEF Co. | Part-Time Software/Web Developer Intern   Jan 2017 – Apr 2017 | **Singapore**
- Developed a parser to streamline and automate the resume screening process through the extraction and classification of main data into categories in JSON format.

Merck & Co. | Web Development Intern   May 2016 – Jul 2016 | **New Jersey, USA**
- Co-developed two dynamic websites that provided internal search functions. Employed iterative agile methodology for the SDLC process. Websites reduced user search time by 5 clicks, and provided responsive UI.

AWARDS

Surbana Jurong Hackathon 2017   **2nd Place**
- Developed a mobile app that acts as an online marketplace for service providers. Users can buy and sell goods and services, with recommendations based on location and user history, as well as request for new goods and services.

IMDA Code::XtremeApps::2017   **3rd Place**
- Built a web app to improve efficiency of customer service centers by prioritizing written, audio, and image feedback through a learned model. Key features included automated template responses to standard feedback, a chatbot to handle FAQs, allocation of high priority feedback to service reps, and data analytics for insights.

P&G's 'Disrupt the Laundry Experience' Pitch Day 2017   **3rd Place**
- Implemented a machine learning algorithm in a mobile app to suggest optimal time for users to do their laundry. Suggestions consider the user's personal schedule, and includes fabric care tips based on type of laundry done.

SKILLS, ACTIVITIES & INTERESTS

Languages: English (Fluent), Chinese (Intermediate)
Technical Skills: Java, Ruby, Javascript, Python, C#, C/C++, HTML5, CSS, PostgreSQL, MySQL, Matlab, Django, Rails, Flask, Spring, React, jQuery, Angularjs, GraphQL, Ionic, Xamarin Android
Links: http://danielseetoh.github.io, https://seetohblog.herokuapp.com/blogger/blog/daniel