

# Seetoh Rui Ming, Daniel

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## 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)
- **Scholarship Award:** Mdm Thio Geok Kim REP Scholarship

### 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 and mobile app to crowdsource first aid personnel during medical emergencies, and pitched to venture capitalists as part of an entrepreneurship class.

## PROFESSIONAL EXPERIENCE

### TD Securities | Web Application Developer Intern

May 2017 – Jul 2017 | Singapore

- Built a web application 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.

### CLEF Co. | Part-Time Software/Web Developer

Jan 2017 – Apr 2017 | Singapore

- Applied data preprocessing and validation on large datasets and used front-end techniques such as JavaScript timeouts and Workers to prevent browser freeze issues.
- 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.

### Singtel | Technology Intern

May 2015 – Jul 2015 | Singapore

- Redesigned the 10-year IT Roadmap Architecture for Singtel using Microsoft Visio, by dissecting interdependencies of system specifications; presented final product to upper management.

## AWARDS

### Surbana Jurong Hackathon 2017

2<sup>nd</sup> 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

3<sup>rd</sup> 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

3<sup>rd</sup> 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, Python, Javascript, C#, C/C++, Ruby, HTML5, CSS, PostgreSQL, MySQL, Matlab, .NET, Django, Rails, Flask, Spring, jQuery, Angularjs, Ionic, Xamarin Android

**Websites:** <http://danielseetoh.github.io>, <https://seetohblog.herokuapp.com/blogger/blog/daniel>

**Interests:** Trading, Breakdance, Outdoor Activities, Basketball, Hackathons