

# Seetoh Rui Ming, Daniel

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## EDUCATION

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**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

- **GPA:** 4.53/5.00 (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

- Gained cultural intelligence by collaborating with international students on various projects.
- 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.

## WORK EXPERIENCE

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**CLEF Co. (Early Stage Startup)**

**Singapore**

*Part-Time Software/Web Developer*

Jan 2017 – Present

- Applied data preprocessing and validation on large datasets and used front-end techniques to prevent browser freeze issues. Working on distributed system infrastructure for big datasets.

**Merck & Co.**

**New Jersey, USA**

*Web Development Intern*

May 2016 – July 2016

- 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.
- Provided consultation on 2 Request For Proposal (RFP) bids on a mobile app from both a technical and business viewpoint. Reviewed mobile-readiness of internal system for upper management.

**Singtel**

**Singapore**

*Shine Internship, Business Services Support (IT) Intern*

May 2015 – July 2015

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

## PROJECTS

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**Wash 'n' Dry**

**Singapore**

- Developed a mobile app that uses machine learning to suggest the best times to wash & dry clothes.
- Placed 3<sup>rd</sup> out of over 50 international entrants in P&G's 'Disrupt the Laundry Experience' Pitch Day.

**LifeLine**

**Berkeley, USA**

- Created a website and mobile app to crowdsource first aid personnel during a medical emergency.
- Pitched to a panel of venture capitalists and experienced social entrepreneurs in Silicon Valley.

## SKILLS, ACTIVITIES & INTERESTS

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**Languages:** English (Fluent), Mandarin (Intermediate)

**Technical Skills:** Python, Java, C#, C/C++, Ruby, Javascript, HTML5, CSS, PostgreSQL, MySQL, Matlab, .NET, Django, Rails, Flask, Spring, jQuery, Angularjs, Ionic

**Websites:** <http://danielseetoh.github.io>, <http://seetohblog.herokuapp.com>

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