# Hui Wen TEO

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## Work Experience

### Upguard
**Software Engineer, Mountain View, Aug 2017 – Oct 2017**
- Ported core user flow from Angular 1.x to ReactJs to increase maintainability and performance
- Developed custom-branded, reusable user interface components with React Storybook
- Ensured high coverage of new ReactJs code using tests written with Jest and Enzyme
- Used feature toggle to safely roll out rewrite to users and allow for quick rollback
- Worked on core Ruby on Rails app fixing bugs in models and editing product user interface

### Fellow Robots
**Software Engineer Intern,  San Jose, Aug 2015 – July 2017**
- Lead front-end engineer on a new Inventory Management Dashboard, using Django and HTML/CSS(SASS)/JS
- New dashboard saved client 40+ hours each week on their inventory process (one week to two hours)
- Iterative development workflow with clients, meeting weekly to gather design requirements to enable robot to service 500 people a month per store
- Used Unity and Tango to build an in-store augmented reality experience, allowing investors to view parts of a store in their office, increasing efficiency of visits

### LifeIsTech! Singapore
**Mentor, Singapore, June 2015**
- Taught Unity in a programming camp of 20 kids aged 9-13, with every one of them creating their own personal game by the end of the camp.

## Projects

**Personal Blog**, Jekyll on Github Pages
**Multi-column Drag and Drop using React**
**Gitguard**, Tool to visualise github repositories' statistics using plotly.js charting library
**JunKing**, Most MVP award, Hackfest SG, dashboard to chart progress of recycling efforts built using Rails
**SoLo**, 2nd, Girls in Tech Hackathon, location-based Android chat app that connects visitors and locals in a new city
**MyTasks**, Desktop To-Do list in Java that incorporates language commands

## Education

**National University of Singapore**, Aug 2013 – Jul 2017
- Bachelor of Computing (Honours) in Computer Science. Specialisation: Software Engineering

**Stanford University,** Jan – Mar 2016
- Stanford Center for Professional Development. Courses taken: Global Entrepreneurial Marketing

## Leadership Experience

**Deputy Director of Freshmen Orientation Projects**
- Supervised the planning of two orientation camps, a school-wide theatre performance, and a nation-wide donation drive, resulting in more than 300 participants for the events.

**Vice Project Director of Freshmen Orientation Week**
- Designed a workflow for the program and logistics of the orientation event, allowing for all committee members to follow a more structured and efficient process of running the camp.

**Lead Event Director of *The Hunt* 2012**
- Successfully organised an award entertainment event with a 6-man committee, garnering an audience of 600.

## Achievements

**Hackfest SG 2016** Most Minimum Viable Product
**The Google Anita Borg Memorial Scholarship 2016** Finalist
**Girls in Tech's Super Football App hackathon 2016** First Runner Up

## Skills

Javascript/ReactJs, Jest/Enzyme, HTML5/CSS/SASS, SVG, Python/Django, Ruby/Rails, Java, Docker, VirtualBox/Vagrant, R, Git, Vim, Unix, WPF(C#/XAML), Unity