

Work Experience

Upguard

Junior 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 database access layer

Fellow Robots

Software Engineering Intern, San Jose and Remote, 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

LifelsTech! 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, HTML/CSS, SVG, Python/Django, Ruby/Rails, Java, R, Git, Vim, Unix, Docker, C#/XAML, WPF, Unity