

Education

2018 Bachelor Of Engineering. Electrical and Computer Engineering
Duke University, Durham, NC
GPA 3.92, Fall 2014, 2015 and Spring 2015 Dean's List with Distinction
Notable Courses: Engineering Robust Server Software, Compilers, Embedded systems, Independent study - UAV Drone Hacking Simulator, Distributed Systems, Design & Analysis of Algorithms, Operating Systems, Digital Systems, Computer Architecture, Data Structures and Algorithms

Technical Proficiencies

Languages:

Other: \LaTeX , MATLAB, Mathematica, Unix

Working Experience

- Apr '18 - Current Google, Kirkland, WA
Software Engineer
- Building Google Cloud's Managed Service for Cloud Active Directory.
- May - Aug '17 Google, Mountain View, CA
Software Engineering Intern, Identity and Authentication Team
- Built 2 credential exchange handlers on one of the highest load systems at Google.
 - As of end August 2017, handlers were serving >100 QPS in a test environment.
- May - Aug '16 Google, Mountain View, CA
Engineering Practicum Intern, Content Ads Site Reliability Engineering (SRE)
- Built python framework to increase discoverability and extensibility of SRE tools.
 - Implemented a graph search algorithm that allows 100s of different commands to be found. Wrote 10 modules for the framework interfacing with various parts of production.
 - Designed a command-line interface with autocompletion for the framework.
- May - Aug '14 Red Dot Ventures, Singapore
Summer Associate
- Attended meetings with regional startups and assisted in due diligence work.
- 2009 - 2013 A*STAR, Institute of Materials Research & Engineering, Singapore
Student Researcher
- Published paper - Distribution of Switching Fields in Thin Films with Uniaxial Magnetic Anisotropy, Journal of Magnetism and Magnetic Materials, v.329, 170-177
 - Did magneto-optical analysis and modelling of novel magnetic structures

Portfolio

- 2015 Memento - Hackathon at Singapore
Top 10 project at hackathon. Used Bluetooth Beacons to allow people to securely store photos at different locations. Built with Node.js, Express.js, MongoDB.
- 2015 Foodpoints+
Co-developer of Foodpoints+, an app for Duke Students to track their food spending. Built with Node.js, MongoDB, Angular.js. Has reached 250 monthly active users.

Accolades

2014

Competition Commission & Economics Society of Singapore Essay Award 2nd Prize

2011

XXI Sakharov's Readings in St. Petersburg, Special Diploma

Other Activities: ◦ IEEE-Eta Kappa Nu ◦ Tau Beta Pi ◦ Teaching Assistant for Duke CS201 & ECE270 ◦ Novice Champion at UVM Huber Debates 2014 ◦ Treasurer of Singapore Students' Association.