

EDUCATION

Brown University Transferred to Brown Jan 2011; Graduated May 2013

- GPA: 3.8/4.0
- B.A. Mathematics, B.A. Computer Science

University of Pennsylvania Sep 2009 - Dec 2010

- GPA: 3.9/4.0

PROFESSIONAL

Mast Mobile

Engineer | August 2014 - Present

- As the 2nd full time engineer, I helped transform a prototype into the platform that serves our customers as a mobile carrier network, with end-to-end integration tests that ensure reliability and high availability
- Work on the core backend network that processes calls and SMS, as well as the infrastructure that allows the triggering of real-time events to interact with calls and SMS
- Built out platforms end to end, from the software that implements business needs and interfaces with other systems, to the infrastructure that allows continuous deployments to AWS Docker containers, database management, systems monitoring, and logging
- Work with 3rd party mobile network partners to allow Mast Mobile to seamlessly interface with their platforms and network

Significance Labs

Hacker in Residence | June 2014 - August 2014

- Built a mobile client management tool for domestic workers within a 6 week time frame
<http://labs.robinhood.org/portfolio/neatstreak/>
- As the only technical member of a 3 person team, I built our ideas from ideation sessions out into products that pivoted and iterated with our users' feedback
- Significance Labs is a fellowship that brings together teams with the mission of building products for the 75 million low income Americans who are underserved by technology

HackNY Fellowship

Mentor | Summer 2014

Huffpost Labs

Lead Engineer | Sep 2013 - June 2014

- Built, launched, and maintained the entirety of our team's products
- Worked with editors, our team's prime stakeholders, to develop new products to help them produce content
- Published articles about technologies I was involved with, such as my 3 part series on Bitcoin
http://www.huffingtonpost.com/2013/11/25/bitcoin-basics-explained-_n_4340141.html

Thinkful

Full Stack Developer Intern | Summer 2013

- Helped transform a UI built off Google Docs into a website with secure user accounts and developed tutorials and content

HackNY Fellowship

Fellow | Summer 2013

- [Fellowship](#) aims to "federate the next generation of hackers for the NYC innovation community"

Vistaprint

Software Engineer Intern | Summer 2012

- Integrated new **HTML5** features into the user file uploading interface. Replaced dependency on Flash

Brown Computer Science

Head Teaching Assistant: Linear Algebra Computer Science course | Spring 2013

- Managed team of Teaching Assistants, held review sessions and office hours, proctored labs, wrote and graded assignments

Assistant in Curriculum Writing | Summer 2012

- Assisted Prof. Philip Klein in developing linear algebra computer science curriculum, writing content, problem sets, and labs for his published textbook and Coursera course

LANGUAGES - FRAMEWORKS - SYSTEMS

Languages	Python, Erlang, Ruby, Javascript, HTML, CSS, C, Clojure, Java, GoLang
Frameworks	AngularJS, NodeJS, Flask
Databases/Tools	CouchDB, Postgres, MongoDB, Docker, Git, XMPP