

## EDUCATION

---

<b>Brown University</b> (Senior) <ul style="list-style-type: none"><li>Computer Engineering Concentrator</li></ul>	Sept. 2012 – May 2016
<b>Torrey Pines High School</b> (San Diego, CA) <ul style="list-style-type: none"><li>GPA: 4.37/4.0</li></ul>	Sept. 2008 – May 2012

## SKILLS

- 
- Proficient in Java, Python, C, Matlab, HTML, CSS, and JavaScript

## RELEVANT COURSES

- 
- |                                  |  |
|----------------------------------|--|
| • Object-Oriented Programming    | • Scientific Programming and Problem Solving |
| • Algorithms and Data Structures | • Computer Systems Programming               |
| • Modern Web Application Design  | • Digital Electronic Systems Design          |
| • Data Science                   | • Linear Systems Analysis                    |

## WORK EXPERIENCE

---

<b>Software Engineering Intern, KPCB Engineering Fellow, Shape Security</b> <ul style="list-style-type: none"><li>Created an internal tool and UI to transform and replay archived data into the cloud for the Ops, Marketing, Sales, and Research teams</li><li>Rewrote logging module in Go and updated cloud pipeline to handle the modified logs</li><li>Performance tested cloud infrastructure to identify scalability bottlenecks</li></ul>	May 2015 – Aug. 2015
<b>Head Teaching Assistant for Scientific Programming, Brown University</b> <ul style="list-style-type: none"><li>Hire and manage 20 TAs and manage 100+ students</li><li>Work with course professor to plan out and improve course material</li></ul>	Oct. 2014 – May 2015
<b>Product Management Intern, Delphix</b> <ul style="list-style-type: none"><li>Researched MySQL and KVM markets and implementations by speaking with DBAs, system admins and other experts and developed a plan for engineering to tackle these markets</li><li>Analyzed customer support data and made suggestions to the support, QA, and engineering departments to improve customer experience and reduce customer issues</li><li>Worked with sales and marketing to create 4 software demo videos for common use cases of Delphix</li></ul>	May 2014 – Aug. 2014
<b>Teaching Assistant, Course Developer for Scientific Programming, Brown University</b> <ul style="list-style-type: none"><li>Revamped course material with new homework and projects in MATLAB including sound, image, and data processing, data encryption, statistical analysis, linear algebra, simulation and optimization</li><li>Held weekly one-on-one student and group help sessions and manage lab sections of 30+ students</li></ul>	Dec. 2013 – May 2014

## PROJECTS

---

<b>Myo Personal Trainer (Android Application)</b> developed at Brown University Hackathon <ul style="list-style-type: none"><li>Uses Myo Armband's gyroscope, accelerometer, and gesture control to track weight training workouts</li><li>Winner of the Best Wearable Award at Hackathon</li></ul>
<b>Bomb Your Friends (iPhone Application)</b> <ul style="list-style-type: none"><li>Location based social game • See friend's locations • Drop bomb on friends • Friends have to run 15 meters in 30 seconds to avoid being bombed</li><li>Worked on UI design and user notifications</li></ul>
<b>Google Intro (Google Glass Application)</b> developed at Brown University Hackathon <ul style="list-style-type: none"><li>Meet someone new • Take picture and tag name to picture • Meet them again • Run facial recognition to get person's name</li><li>Finalist in Hackathon</li></ul>

## LEADERSHIP and OUTREACH

---

<b>Meiklejohn Advising Program</b> , Meiklejohn Peer and Concentration Advisor <ul style="list-style-type: none"><li>Advise first-year students on academics, extracurriculars, and student life</li></ul>	Aug. 2014 - Present
--	---------------------