**EDUCATION**

**University of California, Berkeley** Berkeley, CA B.S. Electrical Engineering and Computer Science, GPA: 3.22 May 2017

**Relevant Coursework:** Algorithms (170) | Data Structures (61B - Java) | Database Systems (186 - SQL, Java) | System

Programming (162 - C) | Artificial Intelligence (188 - Python) | Software Engineering (169 - Ruby) | Computer Security (161 – C, Python) | Network Architecture (168 - Python)

**Interests**: Software Engineering | Backend Development (APIs, Security, Scaling)

**EXPERIENCE**

**Goldman Sachs** | Summer Technology Analyst Jun 2016 – Aug 2016

* Wrote data migration tool to automate schema transformation and publishing of team data to firm Data Lake.
* Designed and built a multithreaded application in Java. Used JUnit for testing and Swagger for REST calls.

**Infosys** | Software Development Intern Jun 2014 – Aug 2014

* Implemented JavaScript intrusion alert system to detect XSS attacks on live web applications in real time.
* Achieved by cloning response HTMLs and adding them to a process queue. Deploying headless browsers (PhantomJS) on the server (Tomcat) using JSP. Made an admin portal to view the attack log.
* Awarded second runner up at the annual Infosys InStep Business Plan Competition against 122 participants from top universities. Presented on Initiating operations in Colombia and why that is a strategic move.

**Uprise** | Back-End Developer Feb 2016 – Apr 2016

* Worked for non-profit that aims to provide an online community platform for campaign managers and volunteers to co-manage a voter outreach program. App currently in beta. http://uprisecampaigns.org
* Implemented the app in Ruby on Rails. Worked in an iterative Behavior Driven methodology with Cucumber for testing and writing user stories. Team collaborated using Git.

**CITRIS Mobile App Challenge** | Android Developer Feb 2014 – May 2014

* Developer at team *HandiRoute* for the CITRIS Mobile app challenge. *HandiRoute* is an android application designed to find disabled friendly areas.
* Achieved by crowdsourcing data and using the Google maps API.

**Berkeley Centre for New Media** |Full Stack Developer Sep 2013 – Feb 2014

* Developer for the Web App*, Turing Test Tournament*. Used MongoDB, Node.js and ExpressJS for backend and Bootstrap for frontend. Wrote a chatbot for the app using ChatScript.

**PROJECTS**

**Fortune Cookie** *Sep 2015.* Python script to display a ‘Fortune’ by randomly selecting from a filtered list of sentences from The Daily Clog, a blog run by Berkeley. Used Scrapy to crawl and parse the blog’s website.

**YouTrends** *Jun 2015*. Express app to graph video statistics such as view count, like count and like-dislike ratio for YouTube channels. Used YouTube data and HighCharts API. http://youtrends.gauravgarg.me

**YouTube Side Search** *Sep 2015.* Chrome extension that adds a search bar to the YouTube sidebar allowing users to search and view results while watching the video.

**Parallelized BFS** *Oct 2014*.Software to strongly solve a sliding puzzle using BFS traversal to create the game tree. Implemented in MapReduce model using the Apache Spark framework. (*61C Course project)*

**SKILLS**

Proficient: Java • Python • REST| Experienced: C • Git • Unix • SQL • Ruby • JavaScript • BDD • TDD