

## EDUCATION

### Stanford University

September 2015 — June 2019 (expected)  
B.S. Computer Science (minor Education)  
GPA: **3.7**

Focus on Artificial Intelligence, Learning, and Teaching

### The Harker School

August 2011 — May 2015  
GPA 4.35  
SAT: 2300  
Love of Learning Award

## RELEVANT COURSEWORK

**CS 224N:** Natural Language Processing

Win 2016 — 2017

**CS 229:** Machine Learning

Aut 2016 — 2017

**CS 110:** Principles of Computer Systems

Spr 2015 — 2016

**CS 107:** Computer Organization and Systems

Win 2015 — 2016

## INDUSTRY EXPERIENCE

### Gigster

June 2016 — September 2016

First Software Engineering Intern (Automation Team)

**ReactJS, NodeJS, MongoDB**

- Fixed team sourcing process to generate network developer teams automatically, sped up sourcing times by over 50%
- Maintained internal LinkedIn for the Gigster network, indexing and filtering with ElasticSearch
- Deployed an internal tool to view automation metrics and stream updates over Slack

### Stanford Canary Center

June 2015 — August 2015

Biology Software Intern (Mallick Lab)

**NodeJS, SQL**

- Designed and built a prototype from scratch for a database forum website for biomarkers
- Created a schema for biomarkers that can be edited and annotated by community members

### Stanford Institutes of Medicine Summer Research Program (SIMR)

June 2014 — August 2014

Research Intern (Gevaert Lab)

**R**

- Employed linear modeling to predict oncogenetic expression using copy number and methylation clusters
- Created more accurate predictive models for 24.5% of cancer-causing genes

## PASSION PROJECTS

### CS198 Section Leading Program

Fall 2016

Section Leader (TA)

**Java, C++**

- Teaching CS 106A in the fall to introductory computer science students
- Follows from being the first Computer Science TA at my high school

### National Association for People Against Bullying (NAPAB)

Win 2015 — Present

User Experience, SEO

**Squarespace, Google Analytics**

- Compare the site before to the site now at napab.org
- Redesigned entire website around goal-oriented user experience, while tracking donation and signup page views

### Golden State Warriors Chrome Theme

June 2015 — Present

Designer

**JavaScript, Photoshop**

- Designed and deployed to the Chrome Web Store at bit.do/warriors.theme
- Fluctuates between 20,000 and 70,000 users depending on how the team is doing :)

### South Asian Identity

Fall 2015 — Present

Singer @ Raagapella, Financial Officer @ Sanskriti

**ReactJS, Mailgun, Airtable**

- Enjoy connecting with my South Asian identity through a cappella and community events
- Developed signup process for auditions and callbacks at raagapella.com
- Update the Sanskriti website with the latest events on campus at sanskriti.stanford.edu

### PASCAL Compiler and Interpreter

Spring 2015

The Harker School

**Java**

- Assembled a recursive descent parser in Java that compiles PASCAL to MIPS instructions and interprets it to console
- Supports functions, scope, integer data type, and user I/O

### Multilayer Neural Network

Autumn 2015

The Harker School

**Java**

- Constructed a perceptron neural network using Java that trains on images.
- Designed for achieving optical character recognition and facial recognition
- Trained to under 1% error for classifying character images by their ASCII values