

## EDUCATION

### Stanford University

September 2015 — June 2019 (expected)  
B.S. Computer Science (minor Education)  
Focus on AI, Natural Language, and Education

### The Harker School

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

## RELEVANT COURSEWORK

<b>Deep Learning</b>	Deep Learning, Reinforcement Learning	CS 230, CS 234	Aut 2017, Win 2018
<b>AI Background</b>	ML, AI	CS 229, CS 221	Aut 2016, Aut 2017
<b>Education and Teaching</b>	Intro CS TA, Intro Education	CS 198, ED 101	Present, Aut 2016
<b>Core CS Background</b>	Systems, Algorithms	CS 110, CS 161	Spr 2016, Win 2017

## INDUSTRY EXPERIENCE

### MongoDB

Software Engineering Intern (Education Team — New York, NY)

Summer 2017

**ReactJS, UX, Python, NodeJS**

- Worked with CS4All, CSNYC, and NYC Dept of Education to create meaningful computer science units
- Built [mean-median-mode.herokuapp.com](http://mean-median-mode.herokuapp.com), [telegraph-unit.herokuapp.com](http://telegraph-unit.herokuapp.com), and [polynomial.herokuapp.com](http://polynomial.herokuapp.com)
- User-tested with students, worked with teachers to create great educative experiences

### Inria

Software Intern (Individual Project — Santiago, Chile)

Spring 2017

**RabbitMQ, Python, SSE**

- Developed a proof of concept to visualize micro (bus) traffic in Santiago, working in a Spanish speaking environment
- Created consumers of client bus data, processed data with work queues, and streamed data with server-sent events

### Gigster

Software Engineering Intern (Automation Team — San Francisco, CA)

Summer 2016

**ReactJS, NodeJS, MongoDB, Slack**

- 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

### Bioinformatics Labs

Research Intern (Mallick Lab, Gevaert Lab — Palo Alto, CA)

Summer 2014, Summer 2015

**NodeJS, SQL, R**

- Designed and built a prototype from scratch for a database forum website for biomarkers
- Used combinatorial linear models to better predict 24.5% of cancer-causing gene expression

## PASSION PROJECTS

### Stanford Center for Education Policy Analysis

Researcher

Fall 2017 — Present

**Deep Learning, TensorFlow, Education**

- Training recurrent neural networks as an early warning indicator to predict dropout and performance in high school students
- As part of Deep Learning course in Fall, continuing work with Professor Ben Domingue and SF Unified School District

### CS198 Section Leading Program

Senior Section Leader (TA)

Fall 2016 — Present

**Java, C++**

- Teaching assistant for CS 106X (Programming Abstractions) in the fall for introductory CS students

### Education As Society (EAST) House

Resident Computer Consultant (RCC)

Fall 2017 — Present

**House Staff, Technology**

- Creating strong and caring environment for upperclassmen as dorm staff member
- Planning education-themed events, helping students with technology needs, and redesigning our website

### Design and UX Projects

Design, User Experience, SEO

Win 2015 — Win 2016

**Squarespace, Google Analytics, Javascript**

- Redesigned National Association for People Against Bullying (NAPAB) from [before](#) to [now](#) at [napab.org](http://napab.org)
- Maintain a [Golden State Warriors Chrome theme](#) — between 20,000 - 70,000 users

### South Asian Identity

Singer @ Raagapella, Financial Officer @ Sanskriti

Fall 2015 — Present

**ReactJS, Mailgun, Airtable, Slack**

- Enjoy connecting with my South Asian identity through a cappella and community events
- Developed signup process for auditions and callbacks at [raagapella.com](http://raagapella.com) that pings our Slack channel
- Update the Sanskriti website with the latest events on campus at [sanskriti.stanford.edu](http://sanskriti.stanford.edu)