

EDUCATION

Stanford University

September 2015 — June 2019 (expected)
M.S. Computer Science (Artificial Intelligence)
B.S. Computer Science (Information), minor Education

The Harker School

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

RELEVANT COURSEWORK

Deep Learning	Deep Learning, Reinforcement Learning	CS 230, CS 234	Aut 2017, Win 2018
AI Background	ML, AI	CS 229, CS 221	Aut 2016, Aut 2017
Education and Teaching	Intro CS TA, Intro Education	CS 198, ED 101	Present, Aut 2016
Core CS Background	Operating Systems, Algorithms	CS 140, CS 161	Spr 2018, Win 2017

INDUSTRY EXPERIENCE

Robinhood

Data Engineering Intern (Data Team — Menlo Park, CA)

Current

Spark, Kafka, AWS

- Helping Robinhood supply data as a service to data science, customer service, compliance, and more

MongoDB

Summer 2017

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

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, telegraph-unit.herokuapp.com, and polynomial.herokuapp.com
- User-tested with students, worked with teachers to create great educative experiences

Inria

Spring 2017

Software Intern (Individual Project — Santiago, Chile)

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

Summer 2016

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

ReactJS, NodeJS, MongoDB, Slack

- Fixed team sourcing process to generate network developer teams automatically, sped up sourcing times by over 50%
- Maintained internal LinkedIn and metrics dashboard for the Gigster network, indexing and filtering with Elasticsearch

Bioinformatics Labs

Summer 2014, Summer 2015

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

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

CS198 Section Leading Program

Fall 2016 — Present

Senior Section Leader (TA)

Java, C++

- For six quarters, taught introductory CS curriculum (CS 106A/B/X), held office hours, and graded homework and exams
- Offered a [lesson on educational teaching theory](#) to other section leaders which will be added to the CS 198 training

Stanford Machine Learning Group (Professor Andrew Ng)

Winter 2017 — Spring 2018

Student Researcher

NLP, Deep Learning, TensorFlow

- Contributed to grammatical error correction project using neural machine translation at crio.stanford.edu
- Contributed to domain adaptation, training user vectors, and setting up our user data pipeline to personalize model results

Education As Society (EAST) House

Fall 2017 — Present

Resident Computer Consultant (RCC)

House Staff, Technology

- Creating strong and caring environment for upperclassmen as dorm staff member at east.stanford.edu
- Organized education technology conference, planned education-themed events, and automated house functions

Stanford Center for Education Policy Analysis

Fall 2017

Researcher

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

South Asian Identity and Side Projects

Fall 2015 — Present

Singer @ Raagapella, Financial Officer @ Sanskriti, Other

Airtable, Slack, Squarespace, Chrome

- Developed signup process for auditions and callbacks at raagapella.com that pings our Slack channel
- Update the Sanskriti website with the latest events on campus at sanskriti.stanford.edu
- Redesigned National Association for People Against Bullying (NAPAB) from [before](#) to [now](#) at napab.org
- Maintain a [Golden State Warriors Chrome theme](#) — between 20,000 - 70,000 users