

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

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

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, telegraph-unit.herokuapp.com, and 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 Machine Learning Group (Professor Andrew Ng)

Researcher

Winter 2017 — Present

NLP, Deep Learning, TensorFlow

- Working on grammatical error correction using neural machine translation at crio.stanford.edu
- Contributing to domain adaptation and training user vectors to personalize model results to Gmail users

CS198 Section Leading Program

Senior Section Leader (TA)

Fall 2016 — Present

Java, C++

- For five quarters, taught introductory CS curriculum (CS 106A/B/X), held office hours, and graded homework and exams
- Teaching assistant for CS 106B (Programming Abstractions) in the spring 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

Stanford Center for Education Policy Analysis

Researcher

Fall 2017

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

Singer @ Raagapella, Financial Officer @ Sanskriti, Other

Fall 2015 — Present

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