
Education

Stanford University*B.S. in Computer Science*

Palo Alto, CA

Expected June 2024

Relevant Coursework: Programming Abstractions, Computer Organization and Systems,
Probability for CS, Mathematical Foundations of Computing, CNNs for Visual Recognition

Miami Palmetto Senior High School*Superintendent's Diploma of Distinction*

Pinecrest, FL

June 2020

Top 1% in class of 700, GPA: 4.0 unweighted, 5.481 weighted, SAT: 1560, ACT: 35

Experience

Stanford Artificial Intelligence Laboratory*Machine Learning Research Assistant*

Palo Alto, CA

April 2021 - Present

- Contributed to the Domain Agnostic Benchmark for Self-supervised learning
- Implemented domain-agnostic algorithm for the benchmark's transfer learning module using PyTorch
- Built and deployed benchmark website and leaderboard using HTML, CSS, React.JS, and Firebase. ~ 3k lines.
- Paper accepted to NeurIPS Conference 2021 Datasets and Benchmarks Track

Swift Spot*Software Development Intern*

Remote

June 2021 - Aug. 2021

- Worked with fast-moving start-up to develop cross-platform ios and android application
- Built and implemented Figma wireframes using React Native
- Interfaced directly with CEO and CTO to develop go-to-market strategy

Harvard Medical School*Research Assistant*

Boston, MA

June 2019 - Aug. 2019

- Studied the effects of immunotherapy on multiple myeloma patients by analyzing single cell RNA sequencing data
- Used machine learning techniques (PCA, Louvianian clustering, t-SNE) in R to isolate patient-specific immune responses to Nivolumab treatment.
- Presented findings to 80 peers as a participant in the Research Science Institute Summer Program at MIT

Projects and Leadership

Virtual Yearbook Signatures*Co-Creator*

Miami, FL

April - June 2020

- Used Google Scripts to build a platform to compile and send 2,300+ messages between 300+ student users
- Utilized by multiple high schools spanning 12 U.S. states and gained significant administrative support

Tutoring for Tomorrow*President*

Miami, FL

Jan. 2016 - May 2020

- Led 501(c)(3) non-profit tutoring organization employing 30+ local K-12 tutors
- Grew revenues to \$18,760 during the 2019-2020 school year by expanding operations to multiple local high schools
- Built simple CRM to organize client booking and session data

Code In Place*Section Leader*

Palo Alto, CA

April - May 2021

- Led a weekly supplementary section teaching 15 students python.

Skills

Languages/Frameworks: Python, Java, C++, R, HTML, CSS, JavaScript, React, React Native**Tools:** Git, Google Apps, Firebase, Figma, Microsoft Office, PyTorch, PyTorch Lightning, UNIX, Data Structures, L^AT_EX

Awards and Honors

- **Odyssey of the Mind** — 2nd Place World Finals, 6X State Champion May 2016 - May 2019
- **Research Science Institute** — One of 50 US students chosen for MIT research program April 2019
- **National Economics Challenge** — Top Finalist (Top 30/11,000) April 2019
- **Harvard Book Award** — Awarded to top-performing third-year student May 2019
- **Stand Up to Cancer Emperor Science Award** — National essay contest awarding research grant Nov. 2018