

**Education: Stanford University**

B.S. in Computer Science expected 2015 (3.74 GPA in CS)

Minor in Math expected 2015

**Relevant Coursework & Computing Skills**

Coursework: Machine Learning, Artificial Intelligence, Probability, Data Mining, Statistics, Algorithms, Databases, OOP, NLP, Game Theory, Computability Theory, First Order Logic, Linear Algebra/Matrix Theory, Diff Eq's, Multivariable Calculus

Languages/Packages: Very strong in C, C++, Python, Java. Strong in SQL, Numpy, Pandas, R, HTML, CSS, MapReduce

**Work Experience**

**Research Assistant, Stanford Ai Lab** (November 2013 – Present)

Recently began work in the Stanford AI lab on autonomous car project. Initial role includes multiple lane detection using computer vision.

**Data Science Intern, Jawbone** (June 2013 - August 2013)

Worked on data science team analyzing data gathered from the Up personal fitness band

- Built infrastructure using Hadoop utilizing mrjob for visualization and analysis work
- Analyzed the data gathered from their Up personal fitness band to give personal insights
- Engineered new algorithms to detect anomalies in user behavior and segment a users day in activity slices
- Tools used: pandas/numpy, matplotlib, python, mrjob, hadoop

**Data Science Intern, Ayasdi, Inc** (June 2012 - June 2013)

Utilized Ayasdi's data analysis platform – which uses topological data analysis to unify a variety of machine learning approaches into a common framework – in conjunction with my programming skills to manipulate, cleanup, and analyze large data sets.

- Analyzed data sets ranging from pharmaceutical studies to police records to sports stats
- Reached out to and worked with two NBA teams including the world champion Miami Heat to further their analytical scouting and player evaluation
- Tools used: R, Java

**Investment Team, Dorm Room Fund** (April 2013 – Present)

Selected by First Round Capital to be a founding member of their Dorm Room Fund Bay Area.

- Identified, researched and analyzed potential student startups
- Communicated with and guided potential entrepreneurs through the funding process
- Collaborated with other team members to make funding decisions

**Resident Computer Consultant, Stanford University** (January 2013 - June 2013)

- Provided IT support to residents ranging from network connectivity to OS issues to troubleshooting and setting up a variety of IT services.

**Research Intern, Stanford Graduate School of Business** (July 2011 - September 2011)

Worked with Professor George Foster, the premier professor in sports business

- Planned, compiled, and analyzed large data sets primarily on sports television ratings
- Completed background analysis around lawsuit between Nets and YES Network
- Contributed to a paper that was accepted for publication in the Journal of Sports Management

**Football Operations Intern, San Francisco 49ers** (May 2011 - June 2011)

Worked with the 49ers front office doing analysis on their NFL draft process and decisions.

- Developed quantitative measures of the success or failure of draft picks
- Improved their system to numerically value individual draft slots