**Jeffrey Liu**

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Objective



Motivated undergraduate studying Computer Science at UC Berkeley.

Education



**University of California, Berkeley** June 2014 - 2018

Major: Computer Science (GPA: 3.56)

Coursework: Structure and Interpretation of Computer Programs, Data Structures and Programming Methodology, The Beauty & Joy of Computing, Calculus

Qualifications Summary



* **Programming:** Skilled in programming in Java, Python, and Scheme; Familiar with Spark, Selenium, Unix, SQL, HTML, CSS, and JavaScript. Github: jeffliu426
* **Books Read:** Clean Code, Effective Java, Learning Spark, Big Data, The Signal and the Noise

Skills and Accomplishments



**Programming Experience**

* Software Engineer Intern for Domo
* Data Science Research Apprentice at Berkeley Institute for Data Science
* Built a CSV File Diffing Program using Spark in Java
* Automated UI testing with Selenium and Java

**Class Projects**

* + Built a Scheme language interpreter in Python
  + Programmed Twitter Trends Visual Analyzer in Python
  + Developed games (Dice Game HOG & Ants Vs. Bees) in Python and Java (Checkers)
  + Programmed a Gravitational Forces Simulator in Java
  + Gained ample experience debugging programs in Python and Java
  + Built a simplified version of Git from scratch
  + Programmed several keyboard shortcuts for Snap!

**Teamwork and Interpersonal Skills**

* Team Captain of High School Varsity Football Team
* Tutored students of diverse backgrounds and various grade levels through Aim High
* Volunteered at Habitat For Humanity, SF Food Bank, and various marathons

**Concepts Learned**

* Functional Programming, Object Oriented Programming, Data Abstraction, Data Structures, Algorithms

Work History



**Public Service Trainee**, SF Recreation & Parks June 2013 - August 2013

**Data Science Research Apprentice**, Berkeley Institute for Data Science February 2015 – May 2015

**Intern – Software Engineer**, Domo June 2015 – August 2015