Lawrence Jiang

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Education

University of California, Berkeley — Spring 2019

- Bachelor of Arts in Computer Science and Statistics Double Major, Junior
- GPA: 3.67
- Relevant Coursework
  - CS 189 Introduction to Machine Learning
  - CS 170 Efficient Algorithms and Intractable Problems
  - CS 61C Machine Structures
  - CS 61BL Data Structures and Programming Methodology
  - CS 61A The Structure and Interpretation of Computer Programs
  - STAT 134 Concepts of Probability
  - CS 70 Discrete Math and Probability Theory
  - EE 16A Designing Information Devices and Systems I

Experience

Xero Software Engineering Intern — Summer 2017

- Will develop Xero's small business accounting platform. Coded in Java.

CS 70 Academic Intern — Fall 2016

- Volunteered at weekly homework parties and helped reinforce material with students, helped host monthly guerilla sections that reviewed topics that students struggled with

Projects

Cal Club Golf Team Website Design — Fall 2016

- In charge of designing a website using ruby to allow site visitors to easily request a tryout for the team, keeps up to date scores and attendance of members at practice

Tiramisu (CalHacks Project) — Fall 2016

- Used Amadeus API to create a website that shows the five cheapest flights out of any given airport in the United States. Web scraped for necessary data using JSON Parsing through BeautifulSoup. Coded in Python flask

BearMaps — Summer 2016

- Created a mapping application for the Berkeley area by implementing a custom data structure, rastering images of a given dataset, routing using Dijkstra's algorithm and A* search, implementing a trie to allow for searching restaurants and other locations in Berkeley, used Java API for JSON processing and Java Spark as server framework, coded in Java using IntelliJ

Enigma Decoder — Summer 2016

- Created a program that can decode messages encrypted by the German Enigma machines in World War II, implemented different classes for each type of rotor and parent method to encapsulate each intricate part of the decoding algorithm, coded in Java using IntelliJ

Skills

- Programming Languages: Python, Java, SQL, Git, Latex
- Software: OS X, Windows, IntelliJ, Eclipse, Microsoft Office, Google Docs and Spreadsheets, Garageband, Sibelius

Awards/Competitions/Extracurricular Activities

Citadel Datathon — Spring 2017

- Competed against UC Berkeley teams to draw conclusions on Bart case using machine learning on Bart ridership data. Used linear regression to predict gentrification trends based off of Bart ridership. Manipulated data using Pandas

Upsilon Pi Epsilon Computer Science Honor Society Officer — Spring 2017

- Invited for having a GPA within the top third of declared Computer Science majors in the College of Letters and Sciences. In charge of planning social events with the honor society and connecting alumni with current members

CalHacks 3.0 — Fall 2016

- Competed in world's biggest hack-a-thon at UC Berkeley using the Amadeus API to create a web app

Dean's Honor List — Spring 2016

- GPA within the top 4% of undergraduates in the College of Letters and Science, recognized for academic achievement

Google Games — Spring 2016 & 2017

- Competed against UC Berkeley and Stanford teams to solve Google logic riddles, coding problems, and miscellaneous IQ related puzzles, worked with a team of four others to solve time constrained challenges