

# Brian Kim

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## Education

### University of California Berkeley, Class of 2022

BA in Computer Science and Economics

Relevant Coursework Taken or Currently Taking:

CS 61A - Structure and Interpretation of Computer Programs

Stats131A: Intro to Statistics with R Studio

CS61B - Data Structures

CS9G: Intro to Java

CS70 - Discrete Math and Probability Theory

## Work Experience

### WEB DEVELOPER FOR BERKLEY'S DIVISION OF DIVERSITY – MARCH 2019 - PRESENT

- Supported the UC Berkeley diversity website in operational requirements
- Developed new navigation features with HTML/CSS

### ACADEMIC INTERN WITH CS61A – JANUARY 2019 - PRESENT

- Helped 30+ students in python syntax, recursion, linked lists, trees, and generators
- In office hours, helped students with coding projects assigned in the class

### UC BERKELEY CALL CENTER – MARCH 2019 - PRESENT

- Called UC Berkeley Alumnus for fundraising purposes
- Personally raised more than \$3000 in fundraising by convincing Alumnus to give back

### CAMPAIGN INTERN FOR MAINE'S SECOND DISTRICT – MARCH 2018 - JANUARY 2019

- Created and lead surveys to research voter behavior in the greater Bangor area.

### JMK EDUCATION SAT TUTOR – DECEMBER 2018 - JULY 2018

- Taught SAT Math to high school students over the winter

## Personal Projects

### FEC CAMPAIGN CONTRIBUTIONS WEB MINING PROGRAM

- Using Beautiful Soup, mined data from the FEC campaign contribution records over many years
- Found Statistical evidence of increasing magnitude and frequency of contributions after 2009

### SCHEME INTERPRETER

- Using python, built a scheme interpreter that compiles and runs scheme code in my python class

### DERIVATIVE PROBLEM GENERATOR

- Built a math problem generator that produces unique equations that students can differentiate
- The Instructor is able to generate problems from a set of categories (product rule, chain rule...)

### BROADWAY WATCH COMPANY [[broadwaywatches.co](http://broadwaywatches.co)]

- Created a watch brand with the import/export business.
- Imported Swiss parts and arranged for the final product to be assembled in China
- Set to launch on mid September

## Skills

Experienced with: Python, Java, HTML/CSS

Familiar with: RStudio, Javascript, C++

Fluent in Data Structures, Front -End Software Development, and Web development

## **Community Service**

**VOLUNTEER FOR THE CROSS INSURANCE CENTER CARRIER FAIR – JUNE 2016 - JUNE 2018**

- Assisted carrier fairs over the years by handing out flyers and guided people to workshop stations

**EASTERN MAINE MEDICAL CENTER ENSEMBLE – DECEMBER 2017 - JUNE 2018**

- With a small group of my friends, played the violin for patients suffering from Alzheimer's

**HABITAT FOR HUMANITY – DECEMBER 2017 - JUNE 2018**

- Participated in fundraising activities such as running a bake sale and a car wash
- Took a trip to the Philippines to build portable houses for struggling communities

## **Extracurricular Activities**

**BERKELEY POLITICAL REVIEW – DECEMBER 2018 - JUNE 2019**

- Worked for their tech team
- Worked on coding projects designed to prove political statements through data analysis

**INTERN FOR THE RAMSAR EAST ASIA CENTER – JUNE 2017 - AUGUST 2017**

- Translated documents from Korean to English
- Assisted with public events held to raise awareness and encourage the preservation of wetlands

**STUDENT AMBASSADOR FOR MY HIGH SCHOOL – JUNE 2016 - JUNE 2018**

- Reached out to potential applicants and met with them
- Lead school tours to interested applicants to the high school
- Organized and lead many student activities

**STUDENT SENATE – JUNE 2016 - JUNE 2018**

- Worked to pass bills for the school

**BERKELEY OPINION – DECEMBER 2018 - JUNE 2019**

- Developed videos, pictures, and logos to put up on the website with my team