

# JESSICA CHEN

jchen12197@berkeley.edu | (858)776-9504 | jesschen.me

---

## COMPUTER SKILLS

Java   Python   C   HTML/CSS   JavaScript   JQuery   SQL   Drupal/WordPress   Git

---

## EDUCATION

**University of California, Berkeley** | Berkeley, CA

Expected May 2019

**Bachelor of Arts, Economics & Intended Computer Science**

Overall GPA: 3.512

Courses: Web Design DeCal, Structure/Interpretation of Computer Programs (CS 61A), Data Structures (CS 61B)

---

## PROJECTS

**jesschen.me**

November 2018

- ❖ Created a personal portfolio website using HTML/CSS, Javascript, and JQuery UI
- ❖ Focused on optimizing user experience and interactivity by creating simple, easy-to-navigate page layouts
- ❖ Designed high-fidelity wireframe using Adobe XD

**Bear Maps**

April 2018

- ❖ Wrote the back-end of a web-mapping application in Java, using a real dataset of Berkeley, CA
- ❖ Implemented rastering, the conversion of query requests to corresponding pixel-by-pixel images
- ❖ Implemented routing, the identification of distances/paths between two points, using a constructed graph and knowledge of sorting algorithms

**Monster Escape**

February 2018

- ❖ Designed and created a 2D tile-based game in Java with keyboard and mouse interactivity
  - ❖ Created a world generator to output random, unpredictable worlds for each new game
  - ❖ Included creative mechanisms and descriptive features to ease and enhance the user experience
- 

## WORK EXPERIENCE

**Haas Institute for a Fair and Inclusive Society** | Berkeley, CA

August 2018 - Present

*Web Developer*

- ❖ Maintain and update 5 organization websites using Drupal, Wordpress, and Squarespace content management systems
- ❖ Improve website visual appearances and features by implementing new design layouts and adding HTML/CSS and
- ❖ Incorporate CMS functionalities by installing modules/plugins and updating backend code
- ❖ Troubleshoot and fix technical bugs/content errors
- ❖ Deploy changes via git and Pantheon hosting services

**UC Berkeley Computer Science** | Berkeley, CA

June 2018 - Present

*CS 61B/BL Academic Intern*

- ❖ Help students in CS 61B enhance their understanding of course concepts such as data structures, asymptotic analysis, and sorting/search algorithms by answering questions and conducting mini lectures during lab sections
- ❖ Grade quizzes and provide individualized feedback on points of possible improvement

**Alpine Private Staffing** | San Francisco, CA

June 2017 - October 2017

*Business Development & Marketing Intern*

- ❖ Curated company's online presence by updating website (Squarespace) and social media platforms with engaging posts
  - ❖ Facilitated the child care professional hiring process by conducting initial phone screenings for 22 applicants
  - ❖ Conducted on-the-ground primary research to identify target audiences and locations for marketing within Berkeley
  - ❖ Developed marketing initiatives/executed pitches catered towards identified audiences via social media, phone calls, and email
- 

## LEADERSHIP & COMMUNITY SERVICE

**People's Test Preparation Service** | Berkeley, CA

September 2016 - May 2017

*Math Subject Teacher*

- ❖ Prepared classes of 25+ low-income, high school students for the math section of the SAT for two hours/week
- ❖ Created slide decks to lay out important concepts while engaging student attention
- ❖ Developed presentational skills and ability to communicate ideas across to large groups of people through lecturing
- ❖ Collaborated with fellow teachers to organize individual lessons into a cohesive learning experience for the students