

# Gabriel Cisneros

(562) 991 - 2474 | [GabrielCee81@gmail.com](mailto:GabrielCee81@gmail.com) | [www.linkedin.com/in/gabriel-cisneros](https://www.linkedin.com/in/gabriel-cisneros) | [www.github.com/GabrielCee27](https://www.github.com/GabrielCee27)

## EDUCATION

### University of San Francisco

San Francisco, CA

Bachelor of Science in Computer Science

Expected Graduation: May 2019

- Cumulative GPA: 3.62; **Major GPA: 3.77 / 4.0**

- Relevant Courses: Data Structures and Algorithms, Software Development, Intro to Database Systems, Intro to Web Development, Computer Architecture, Operating Systems, Intro to Parallel Programming, Language Paradigms, Elementary Linear Algebra, Vector Calculus, Elements Discrete Math, Elementary Statistics, Integral Calculus

## TECHNICAL SKILLS

**Programing/Script Languages:** Python, C/C++, Java, JavaScript, SQL, Swift, ARMv8 (beginner)

**Website Design & Frameworks:** HTML/CSS, Flask (proficient), Express.js, React.js (familiar)

**Tools & Environments:** Linux, Git, Vim, Node.js, Eclipse, regex, Rstudio, Xcode

**Database Systems & GUIs:** PostgreSQL, Firebase (non-relational), pgAdmid, MySQL Workbench

## PROJECTS

### EEG Processing (USF Data Institute)

Jan 2019 - Present

- Building an infrastructure for a web interface and completing some back-end processing of the EEG files
- Tech stack: Python 3, Flask, AWS RDMS (Postgres), AWS S3 Bucket, HTML/CSS, Bootstrap and Github

### Web Crawler and Search Engine (Software Development)

Spring 2018

- Able to parse words/links from html files, partial or exact word search, and sorted by frequency, position, or location
- Used Java, unit tests, multithreading (work queue), an inverted index (nested data-structure), regex, JSON, and sessions

### Movie Database (Intro to Database Systems)

Fall 2017

- Designed and built relational database; read data from a 239 MB txt file; optimized with indexing
- Utilized Python, PostgreSQL and Amazon Web Services

### Custom Shell (Operating Systems)

Fall 2018

- Featured custom prompt, built-in commands, timing, I/O redirection, background jobs, history execution, and scripting
- Implemented using C, system calls, forking, signal handling, pipes, and a Raspberry Pi 3

### Parallel Cryptocurrency Miner (Intro to Parallel Programming)

Spring 2018

- Given block data, the program parallelized hash inversions by distributing an array of nonces to each thread
- Utilized C++, pthread library, producer/consumer paradigm, SHA-1 hashing, performance measurements, and Github

### Social Media IOS App

Oct 2017 - May 2018

- Featured peer to peer messaging, follow/unfollow, custom user image, and text posts
- Utilized Swift, Xcode, Storyboards (UI), IOS simulator, Firebase (non-relational), and Github

## RELEVANT EXPERIENCE

### USF CS Department

San Francisco, CA

Computer Science Tutor

Aug 2018 - Dec 2018

- Aid students with CS homework/projects; emphasis on helping students grasp fundamental CS concepts

### JAKKS Pacific

Santa Monica, CA

Software/Web Development Intern

May 2018 - Aug 2018

- Aided with improving their intranet website used by over 700 employees; attended daily scrum meetings
- Used git, php, MySQL, jQuery, and Selenium (frontend testing)

## AFFILIATIONS & INTERESTS

Co-External Chair, **Woman in Tech Club**

Sep 2017 - Present

Member, **IOS Club**

Sep 2016 - Dec 2016

Interests: Video games (Halo, CoD, and Madden), sports such as baseball and football, and strategy games like chess

## AWARDS

**GHC Scholar.** — By USF's department of CS to attend the Grace Hopper Conference

Mar 2018

**Dean's H.R.** — By USF for having a min 3.5 GPA for a semester & cumulatively while enrolled full-time

Spring 2018

**WABF Scholar.** — Awarded for having a minimum cumulative GPA of 2.8 and enrolled full-time

Spring 2018