

# Sharon Gao

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**PHONE:** 415.889.3431 | **EMAIL:** seg82@pitt.edu | **PORTFOLIO:** sharonegao.com | **GITHUB:** github.com/segao

## EDUCATION

### University of Pittsburgh, Dietrich School of Arts and Sciences

B.S. degree in Computer Science

Minor in Spanish

Expected Graduation: May 2018

GPA: 2.86

Former Pre-Med major

## COMPUTER SKILLS

Java

C

Python

Javascript

PHP

jQuery

HTML5

CSS

Bootstrap

Git

Photoshop

Microsoft Suite

## RELEVANT COURSEWORK

- Intermediate Programming Using Java
- Discrete Structures for Computer Science
- Introduction to Systems Software
- Data Structures
- Computer Organization and Assembly Language
- Algorithm Implementation
- Introduction to Web Development and Design

## NOTABLE PROJECTS/ EXPERIENCE

All projects as well as additional work can be found on my Github

### ShelInnovates First Insight Hack Challenge 2017 – Javascript, HTML/CSS

- Created a proof of concept web application that collected information about products from its users in an engaging game experience
- Awarded 2<sup>nd</sup> place

### Apartment Tracker – Java

- Created a priority queue-based application to help users rent apartments

### Airline Flight Route Program – Java

- Implemented graphs and graph algorithms in a program displaying information about routes offered by a fictional airline

### Multi-threaded Web Server – C

- Implemented a primitive multi-threaded web server using pthreads and Berkley Sockets

### Codecademy Ready – HTML/CSS, Javascript, jQuery

- 10-week online web development program covering HTML/CSS and Javascript
- Implemented knowledge through portfolio site and various web applications

### easyWeather – HTML/CSS, Javascript, jQuery

- Developed a web application that automatically displays the local weather fetched using the user's location

## ADDITIONAL EXPERIENCE

\*as a former pre-med major

### University of Pittsburgh, Department of Pharmaceutical Sciences; Pittsburgh, PA

Research Assistant (January 2015 – November 2015)

- Assisted in the research of chemotherapeutic agents for cancer treatment
- Helped write and proofread research findings for publication

### Hisun Pharmaceutical International; Hangzhou, China

Research & Development Intern (June 2014 – August 2014)

- Assisted in the process of pharmaceutical product registration

## VOLUNTEERING/ EXTRACURRICULARS

### Women in Computer Science (January 2015 – present)

- Promoted diversity in technology fields through participation in various events and activities

### Epsilon Sigma Alpha Service Fraternity (September 2014 – present)

- Volunteered for multiple organizations around the Pittsburgh area
- Over 150 hours of service completed since joining the organization

### Asian Student Alliance, PR Leadership Committee (September 2016 – present)

- Responsible for promoting events that further cultural interests and integration