

# 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: 2.81

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

### **Apartment Tracker** (Fall 2016) – Java

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

### **Airline Program** (Fall 2016) – Java

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

### **Multi-threaded Web Server** (Fall 2016) – C

- Implemented a primitive web server using pthreads and Berkley Sockets

### **Dice Device Driver and Yahtzee Implementation** (Fall 2016) – C

- Wrote a device driver that returns the roll of a 6-sided dice
- Implemented a Yahtzee game program making use of the dice driver

### **Codecademy Ready** (October 2016 – December 2016)

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

### **easyWeather** (November 2016) – HTML/CSS, Javascript, jQuery

- Developed a web application that automatically displays the local weather information found with the user's location

### **PokeDex** (November 2016) – HTML/CSS, Javascript, jQuery

- Developed a web application for searching and displaying Pokemon

## ADDITIONAL EXPERIENCE

### 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)

- Helped motivate female involvement in technology-related fields through various activities and events held with local high school students

### **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