

# Serene Gao

## EDUCATION

08/2014 – 05/2018

### BACHELOR OF SCIENCE – Carnegie Mellon University

- Double major in Information Systems and Statistics
- Quantitative Social Science Scholars Program

06/2016 – 08/2016

### SUMMER SESSION – Stanford University

- Client-side Internet Technology
- Statistical Aspects of Data Mining

## PROGRAMMING SKILLS

**PYTHON, R, JAVA, RUBY ON RAILS, SQL, HTML5, CSS, JAVASCRIPT**

## PROFESSIONAL EXPERIENCE

08/2016 – 12/2016

### TEACHING ASSISTANT

- Department of Statistics, Carnegie Mellon University Pittsburgh, PA
  - Held lab sessions with more than 20 students.
  - Graded exams and homework.

06/2016 – 08/2016

### WEB APPLICATIONS ENGINEER INTERN

- Technical Consulting and Research Inc. Remote Work
  - Researched and implemented over 10 WordPress plugins for the online education platform.
  - Ran demonstration on weekly meeting and set goals for next week.

09/2015 – 12/2015

### AIRBNB SIMULATION TEAM PROJECT

- 67-262: Database Systems, Fall 2015 Pittsburgh, PA
  - Built conceptual model and set up database to represent a subset of the real domain of Airbnb.
  - Wrote SQL queries and Python scripts that realize user stories.

07/2015 – 08/2015

### ASSISTANT MARKETING MANAGER

- Tongtu Automobile Trading Co., Ltd Shenzhen, China
  - Worked with the taxi hailing app and helped launch the designated driving service program.
  - Collaborated with senior managers and helped develop marketing strategies.

05/2015 – 06/2015

### TECHNICAL INTERN

- Industrial and Commercial Bank of China (ICBC) Shenzhen, China
  - Troubleshooted and assisted in resolving mobile banking app issues.

## ACTIVITIES

### VP PHILANTHROPY - CMU ALPHA CHI OMEGA SORORITY

- Raised awareness and educated community members about domestic violence related issues.
- Planned campus-wide events (Healthy Relationship Week and Walk A Mile) to support Women's Center and Shelter of Greater Pittsburgh.

### BOARD MEMBER - CMU INTERNATIONAL STUDENTS UNION