# Shirley Zhou

(508) 685-0667
szhou1@andrew.cmu.edu
Carnegie Mellon University | Class of 2019

BS Information Systems
Additional Major in Human Computer Interaction
Minor in Business Administration
GPA: 3.38/4.0

## WORK EXPERIENCE

### Xtalpi Pharmaceuticals
Shenzhen, China | Summer 2016
*Computer Graphics and Front End Intern*
Created software that takes a custom made file and translates it into an interactive 3D molecular structure
Used Python, Javascript and WebGL

## PROJECTS

### Database Recreation
*Database Design and Development*
Recreated phases of a startup's database starting with a conceptual model, building into a physical model and finally creating queries using Python and SQL.

### Formal Report
*Interaction Design Studio*
Design, lay out, print a 16-page report; learned importance of typography, designing a system and addressing needs of multiple audiences.

### Air Canada Case Study
*Information Systems Milieux*
Detailed multiple layers of systems at Air Canada and their integration and alignment with business functions and organizational strategies.

### Web Development Project
*Information Systems Milieux*
Created a real-world website for Prantl's Bakery in Pittsburgh implementing front-end web development knowledge and skills.

### Database Project
*Information Systems Milieux*
Designed and built a mySQL database for an existing dataset on Bentley car dealership sales; implemented data modeling and analysis.

## SKILLS

*Proficient* Microsoft Office
*Intermediate* Python, SQL/PostgreSQL
HTML, JavaScript, CSS, Sketch
*Basic* Java, WebGL, Three.js
Bilingual in Mandarin and English

## ACTIVITIES & ORGANIZATIONS

### Alpha Phi Omega, Service Fraternity
Spring 2016 - Present
*Vice President of Fellowship*
Organize weekly committees, plan major group events and weekly fellowship events

### Asian Christian Fellowship
Fall 2016
*Welcome Team Leader*
Organize new member logistics & information
Select and coordinate social gatherings prior to large group meetings

### TartanHacks
Spring 2016
*group member*
Created a style checker for Python code given specific style guidelines

### Hack-a-Start-Up
Fall 2015
*group member*
Co-created LiGo, a mobile app with GPS-enabled map and real-time events
Designed application UI and logo using Sketch
Contributed to business plan