

Shirley Zhou

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Carnegie Mellon University '19
Feldman Presidential Scholar

B.S. Information Systems
minor in Business Administration
and Human Computer Interaction

Skills

Python, Java, Ruby on Rails
mySQL, PostgreSQL, Excel
HTML, CSS, JavaScript
Sketch, Illustrator, InDesign

Activities

Alpha Phi Omega | *Jan 2016 - Present*
VP of Fellowship Spring 2017
Asian Christian Fellowship | *Fall 2015 - Present*
Andrew Ambassador | *Spring 2017 - Present*
tour guide and ambassador to prospective students

Courses

Tech: Mobile to Cloud: Distributed Applications | Web Application Security | Game Design for Crowd & Cloud | Application Design & Development | Database Design & Development | Introduction to Data Structures

Business: Accounting | Business Society and Ethics | Operations Management | Principles of Economics

Design: Interaction Design Studio

Experience

AlphaLab Gear LiftLink | Applications Engineer Intern

May - Aug 2017

- implemented auto-response email system and messaging system within web application using Rails
- reformatted and edited test suite
- redesigned for a mobile-friendly, responsive site

Freelance Web Developer and Designer

May 2017-Present

- Created multiple mini-sites for Yummy Plants, a vegan lifestyle site

CMU Information Systems | Teacher Assistant

Jan - May 2017

- Held office hours and worked through problems with IS first year students
- created and graded homework, labs, and exams

XtalPi Inc. | Front End Intern

Jul- Aug 2016

- Created software that takes a custom made file and translates it into an interactive 3D molecular structure
- Used Python, Javascript and WebGL

Projects

A&M Chess Store Application

Jan - May 2017

- Full-stack development of software application using Ruby on Rails
- Implemented model-view-controller pattern and created functional relational database

Accenture Innovation Challenge

April 2017

- Presented solution to help non-profit organization, Habitat for Humanity increase and retain its millennial-aged volunteer base

Tartan Hacks

Feb 2016

- Created a Python code style checker given specific style guidelines
- Won First Penguin Award for outstanding project as first-time coders and hackathon-goers

Hack-A-Startup

Oct 2015

- Co-created LiGo, a mobile app with GPS-enabled map and real-time events
- Created business plan, designed UI and logo using Sketch