

# RACHEL KIM

(949) 302-8383 | rachelkim.tech@gmail.com

## EDUCATION

### Carnegie Mellon University

December 2019 | Dean's List

B.S. in Information Systems,

B.A. in Chinese Language

Minors in Media Design,

Humanities Analytics (HumAn)

## SKILLS

### Coding

Ruby on Rails, SQL, Python, Java,

Pandas, HTML, CSS, Sass,

JavaScript, NLTK, Hadoop

### Technologies

Tableau, AutoCAD,

Adobe (Ps, Ai, Id, Lr, Pr)

### Languages

English, Korean, Mandarin

## PROJECTS

### A&M Store, Web App

Web Developer | Ruby on Rails

Designed and developed an e-commerce site that is accessible by various levels of users

### R E N D E R, Web App

Database Dev | SQLite, Flask

Designed a database for a web app that matches researchers and students to work together

### Hayden Shoes, Web Application

Product Designer | HTML/CSS/JS

Prototyped dashboard to improve administrative systems

### Thin Ice, Game

Game Designer | Python, Pygame

Maze game that backtracks to build randomized levels

## EXPERIENCE

### Global Technology Summer Analyst

Bank of America (Jersey City, NJ) | June 2017 – Aug 2017

- Architecture & Engineering of Chief Technology Organization
- Used JIRA in a Scrum team focusing on automation tools
- Led the development of a software system conversion project
- Designed proof of concepts using SOAP protocols to internally connect BMC Atrium Orchestrator, a IT process automation software, with Tanium, a patching software

### Research Assistant

Big Historical Data (Pittsburgh, PA) | Dec 2016 – May 2017

- Worked with Professor Warren to use data-driven methods to create an aggregate comprehension of history
- Developed a Jupyter Notebook using tools such as Pandas, Beautiful Soup, NLTK to work with the corpus data
- Created a data visualization interface to assist in the research

### Technology Intern

Knobbe Martens (Irvine, CA) | June – July 2014

- Operated the IT Department's help desk system
- Assisted technicians in software and hardware requests
- Drafted AutoCAD drawings for patent claims

## LEADERSHIP

### Treasurer

cmuTV | April 2016 – present

- Maintained organization's annual budget of \$60,000
- Established contracts with campus organizations

### Booth Chair

Asian Students Association | September 2016 – present

- Designed and constructed two-story structure
- Gained experience in project management and leadership by managing time and budget scope across 80 members

### Consultant | Case Competition Team Leader

Undergraduate Marketing Organization | September 2016 – present

- Consulted for local startup that provides marketing services for businesses; collected data on end-user demographics; used data visualization tools to present data on target consumers
- Led the user experience research team for the AMA Case Competition; developed wireframes of an enhanced eBay