# JESSICA LI

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Columbia, MD, USA

# EDUCATION

#### **CARNEGIE MELLON UNIVERSITY**

Major: Information Systems
Statistics

Minor: Human-Computer Interaction

GPA: 3.46 August 2017 - May 2021

# **ACHIEVEMENTS**

Dean's List Academic All-American Athlete Division III NCAA Finalist

# SKILLS

Python
Java
R
HTML, CSS, JavaScript
jQuery, Vue.js, React
Ruby, Rails, Groovy, Grails
SQL, Postgres
Adobe Illustrator
Adobe XD, Figma
Git
Project Management

# EXTRACURRICULARS

Teaching Assistant:

- 67272: Application Design and Development
- 67250: Information Systems Millieux

Society of Women Engineers (SWE) Varsity Athlete - Swimming 1000plus Community Service Special Olympics Volunteer Taiwanese Student Association (TSA) Dancer's Symposium

# WORK EXPERIENCE

#### PROGRAM MANAGER INTERN

Microsoft | June 2020 - Current

**PowerQuery** 

- Identified specifics/requirements for the focused features, tested older documentation and recognized user stories
- Curated and followed development schedule and reports

#### **FULL STACK ENGINEER INTERN**

Victoria Secret | May 2019 - Aug 2019

Victoria Secret / PINK Campus Experience Application

- Programmed application using Groovy/Grails with MVC structure, engineered database in MySQL, and unit tested with Jest
- Designed wireframes in Sketch, curated technical user stories, conducted UX research with A/B Testing
- Implemented AGILE with 3-week sprints using Jira + Confluence

# **DATA ANALYST + CYBER SECURITY INTERN**

Federal Communications Commission | Jul 2018 - Aug 2018

Interconnectivity of Electrical + Comm. Outages Analysis

- Recommended areas of improvements to recuperate losses in outages in more efficient manners (1000+ hours)
- Collected data by web-scraping with BeautifulSoup and API requests w/ NORS database (CSV, XML, JSON)
- Preprocessed data using pandas, NumPy, SciPy libraries

# RELEVANT PROJECTS

#### ACCD BLS QUERY APPLICATION May 2020

Collaborated on creating a sustainable and customized solution to help the non-profit Allegheny Conference on Community Development (ACCD) on their technical issues.

- Ruby on Rails app deployed onto Heroku, communicating with government APIs to ease data gathering for reports
- Contributions: Project Manager, Customer Relations + Transition Manager, Software Engineer, Designer

#### IMDB MOVIE ANALYSIS REPORT May 2020

Analyzed and infered conclusions about IMDB movies with statistical EDA tests: t-tests, ANOVA, linear regression modeling combined with visualizations.

- Used R with tidyverse, dplyr, ggplot2 packages and more