JESSICA LI

⊕ jeli1009@gmail.com   ⊕ 443-255-9504   ⊕ 11819 Scenic Hills Court, MD 21029
⊕ linkedin.com/in/jessica-li-09971/   ⊕ github.com/jessli2117

EDUCATION

Carnegie Mellon University, *Pittsburgh, PA*   Aug 2017- Expected May 2021
Bachelor of Science in Information Systems   GPA: 3.3/4.0
Minor: Statistics, Human-Computer Interaction
Relevant Courses: Application Design and Development, Database Design and Development, Statistical Inference, Probability
Theory, Practical Data Science, Human AI Interaction, Methods of Statistics and Data Science, Matrix Algebra Applications

SKILLS

⊕ Python ⊕ Java ⊕ HTML ⊕ CSS ⊕ JavaScript ⊕ jQuery ⊕ Git ⊕ R ⊕ SQL ⊕ SQLite ⊕ Postgres ⊕ MongoDB ⊕ Ruby ⊕
Rails ⊕ MATLAB ⊕ Linux/Unix ⊕ Illustrator ⊕ Spark ⊕ Hadoop ⊕ Machine Learning ⊕ Data Structures

WORK EXPERIENCE

Full Stack Developer Intern   May 2019 –
Limited Brands – Victoria Secret, PINK, Bath and Body Works   *Columbus, Ohio*
- Developed PINK Nation Campus Experience app – social media mobile and web application between the user, influencer contributors and the administrators in the form of a Q&A, forum mix for important topics regarding PINK
- Initial curation of technical user stories based on directly communicated customer/producer specifications
- Engineered database in SQL using the user stories and Gliffy for ERD visualization
- Programmed the app and the app's API in Groovy on Grails with MVC structure and Unit Testing with Jest
- Designed wireframes in Sketch, conducted UX research with A/B Testing and constructed UI with JavaScript: ReactJS, NodeJS and Bootstrap CSS
- Implemented Agile development process with two-week sprints, utilizing Jira and Confluence for documentation

Data Analyst and Cyber Security Intern   Jul 2018 – Aug 2018
Federal Communications Commission   *Washington D.C.*
- Collected raw data by web-scraping w/ BeautifulSoup and AP requests w/ NORS database (CSV, XML, JSON)
- Preprocessed data with hand-written programs and algorithms w/ pandas, NumPy, SciPy
- Curated statistical analysis on the data using regression and distribution models in R
- Presented results and input to the Deputy and Associative Chief of the Public Safety and Homeland Security Bureau

Teaching Assistant – 67-250: Information Systems Milluex   Jan 2019 –May 2019
Carnegie Mellon University   *Pittsburgh, PA*
- Assist students in learning the curriculum of the class, a basic overview of computer and management information systems, databases and front-end website development. Answer piazza questions, hold OH, and grade/update material

ASPIRE Computer Science Intern   May 2016 – Aug 2016
Johns Hopkins Applied Physics Lab   *Laurel, MD*
- Reconnaissance Blind Multi-Chess: chess program with obscuration, requires scanning to view opponents view: intended to depict high-uncertainty confrontations in real life application
- Programmed unit tests, bots to counter against chess engines, used Git for collaborative work and version control

RELEVANT PROJECTS

Bakery Factory Web Application   Apr 2018
- Web application using Ruby on Rails with Vue.JS, jQuery, Bootstrap and MVC structure
- Accompanied by mid- and high-level wireframes, user stories, task breakdowns and business logic engrained in models

Deloitte Case Competition   Jan 2019
- Researched solutions to a socially-relevant business case conjointly ending in a presentation of final proposals to NUCC

Anime Recommender Twitter-Bot   Dec 2018
- Used basic machine learning with TuriCreate recommender system w/ Twitter App Developer API calls   Nov 2018
- Created gesture recognizer with Android App and sckit-learn: Python's machine learning library and confusion matrix

Bike-Sharing Analysis Report   Apr 2018
- Analyzed data with statistical EDA tests as well as normalizing the data, using Two-Way ANOVA modeling, and making inferences using R with the libraries tidyverse, knitr, pander and tineytex to create LaTeX pdf output if necessary.

HONOR + ACHIEVEMENTS

NCAA Finalist, All-American Athlete, School Record Holder, SAT: 2280/2400, Bio Subject SAT: 790, AP Scholar with Distinction

EXTRACURRICULARS + VOLUNTEER

Society of Women Engineers (SWE), Varsity Swim Team, Asian Student Association (ASA), K-pop Dance Club (KPDC)
1000plus Community Service, Special Olympics