MARY LIN

(909)362-0067 | themarylin90@gmail.com | Los Angeles, CA
www.github.com/themarylin | www.linkedin.com/in/themarylin

SUMMARY

Data Engineering student who currently has her sights set on a part-time data science internship. Passionate about using knowledge to solve real-life problems, I am, as Hilary Mason would put it, an 'awesome nerd'. Not only do I have the technical skills to code and organize information and data in programs and languages such as Excel, VBA, Python, SQL, Access, and Oracle, but I am also capable in leveraging my communication skills that help me explain the impact of my work to others. I have an insatiable curiosity and do best in a team setting, working with others to explore and create innovative solutions with optimal, efficient, and clean results.

Skills/Technologies: #C++, #Java, #Python, #VBA, #Oracle, #MySQL, #Access, #Excel and Office Suite, #Pandas, #Numpy, #MatPlotLib

EDUCATION

University of Southern California
B.S. Computer Science
Los Angeles, CA

Long Beach City College
A.A. Computer Science
Long Beach, CA

University of California Berkeley
B.A. Chinese Language and Literature
Berkeley, CA

SKILLS

//Python // Numpy // Pandas
//MatPlotLib // Seaborn
//APIs (openweather, twitter)
// Java // C++ // Android // LaTex
// Data Structures // Databases
// Word // Excel // PowerPoint // Access

COURSEWORK

Objected Oriented Programming
Introduction to Computer Systems
Abstract Data Structure
Web Application Development
Android Application Development
Structures and Algorithms
USC Data Analytics Program

ONGOING PROJECTS

BTC VS TWITTER API | Project Lead
https://github.com/themarylin/BTC-vs-Twitter
Started June 2018 - current
- Analyzed historical bitcoin(btc) price changes in correlation to Twitter sentiment
- Utilized Twitter API and Jupyter Notebook to create easy to understand plots and lines

BOBASSEUR | Project Lead
Started April 2018 - current
- Rates boba café based on boba taste, textures, and includes posts with how-tos (cooking, making, traveling) with boba

COMPLETED PROJECTS

OPENWEATHERMAP API | Project Lead
https://github.com/themarylin/Python-APIs
Fall Semester 2017
- Implemented knowledge of OWM API to gather information about current weather
- Create visualizations of weather trends and correlations through MatPlotLib Python library

SF HACKS HACKATHON | Lead Android Developer
Spring 2017
- Designed and programmed a social media application that allowed dog lovers to connect in their local area on daily walks.
- Implemented knowledge of data storage, input/output, buttons/groups, layouts, and UX design

RPG SIMULATOR GAME | JAVA programming
Spring Semester 2017
- Created a text-based adventure game where users can choose a character and battle a random computer character. Implements knowledge of a random number generator.

VOLUNTEER EXPERIENCE

OUTDOORS(wo)MAN | Backpacker
January 2016 - Present | Los Angeles, CA
- Plan and Encourage women to enjoy the outdoors in the Southern California area through activities such as hiking, backpacking, and camping.