

Yawen Liang (Veronica)

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Business analyst with a background in marketing. Earned a certificate from Columbia University's Data Analytics and Visualization Boot Camp. Insatiable intellectual curiosity and ability to mine hidden gems located within large sets of structured, semi-structured, and raw data. Team-oriented individual with strengths in analytical problem solving and collaborating across diverse groups.

Technical Skills

Languages: Python, R, JavaScript ES6+, HTML5, SQL, MySQL

Applications: GitHub, MongoDB, MySQL, PostgreSQL, GIT, AWS, Flask, Command Line, Tableau

Tools: Excel, Scikit learn, ML, TensorFlow, Databasing, Pandas, Jupyter Notebook

Projects

Single Page Application | Written link to [GitHub](#) (www.GitHub.com/YourLink)

This project showcased developing a dynamic website application to increase sales.

- Role: Sole author
- Tools: HTML5 Grid Layout method used with media queries for website responsiveness, HTML, CSS, JS, Leaflet.js, JavaScript

Data Engineering SQLAlchemy | Written link to [GitHub](#)

The purpose of this project was to perform Python database CRUD operations from data sets from the Toronto Library Open Data Portal.

- Role: Sole author
- Tools: Python, Pandas, SQLAlchemy, NumPy, PostgreSQL, PrimaryKeys, ForeignKeys

Python Data Visualization | Written link to [GitHub](#)

Investigation on data analysis of immigration numbers into Canada and the outcomes.

- Role: Sole author
- Tools: Python, Jupyter Notebook

Work Experience

Technical Analyst

2017 – Present

IT Services Company

- Recognized for the development of the well-normalized database

- Increased client satisfaction percentage with the new indexes and fine tuning of top expensive queries keeping the servers running smoothly at all times
- Contributed proactively to team solutions by the development of faster running reports
- Exemplified leadership skills with management for coaching the team with SQL
- Performed market analysis to achieve stakeholder goals successfully increasing sales by 23%

Computer Support Specialist

2013 - 2017

IT Company

- Provided support of computer life-cycle and office technology which was not limited to but included deploying Windows and Mac desktop and laptop computer systems, business applications and assorted end-user devices, transferring user profiles
- Investigated and troubleshooted problematic issues while exceeding team timeline expectations with a 15 hour average for solving cases
- Earned the highest satisfaction rating from a crucial long-term client

Numerical Analysis Teaching Assistant

2012 - 2014

University

- Led class activities both large and small group to foster growth in course concepts
- Developed trust and rapport with students
- Provided feedback and guidance to 300+ students
- Maintained a clean, safe, and comfortable learning environment
- Commended by professor and department chair for creative instructional activities, patience, and communication

Education

Certificate, Data Analytics

Columbia University, New York

New York, NY

Bachelor of Science, Applied Mathematics

Texas State University, San Marcos

San Marcos, TX