

Yifei Wang

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EDUCATION

University of California Berkeley

Berkeley, CA

Degree: Bachelor, Mathematics, Applied *GPA: 3.52*

Coursework: Exploratory Data Analysis and Visualization; Computing with Data; Data Structure and Programming Methodology; Structure and Interpretation of Computer Programs; Mathematics Statistics and Data Analysis; Real and Complex Analysis; Numerical Analysis;

QUALIFICATIONS SUMMARY

Programming: Skilled in programming in SQL, VBA, Python, Java, R; familiar with Unix, Scheme, C

Computer: Experienced in using MS Excel, MS Word, MS PowerPoint, Matlab

PROJECT

Yelp Maps (Python)

- Create a visualization of restaurant ratings using machine learning and the Yelp academic dataset
- Construct visualization with Voronoi Diagram which segmented cities into regions
- Analyze data to find pattern and improve performance by techniques and concepts from machine learning

A Scheme Interpreter (Python)

- Implemented an interpreter for a subset of the Scheme programming language by using Python with mutually recursive eval-apply function as its underlying core.

Gitlet - Version Control System (Java)

- Implemented a version control system to mimics features of git which save snapshot of files at different points in time in order to handle everything from small to large project with speed and efficiency

BML Traffic Model Simulation(R)

- Implemented a cellular automation which exhibits phase transitions and self-organization
- Construct simulation function to improve performance in large base and test the density with 10,000+ simulations

EXPERIENCE

VXI Global Solution | Los Angeles

September 2015 – Present

Financial Analysis Intern

- Create Funding Log which record and organize all financial statement files in one Excel window by VBA
- Prepare monthly project level which analyze financial KPI on both year-on-year and quarter on quarter basis

Letter of Science College of UC Berkeley | Berkeley

January 2015 – August 2015

Grader and Tutor

- Grade homework and quiz in class of Numerical Analysis
- Lab assistant in class of the structure and Interpretation of Computer Programs

Yifei & Wenjun Partnership | Berkeley CA

December 2013 – December 2014

- Traded used cars between Los Angeles and San Francisco
- Evaluated the value of target used cars and negotiated with individual private seller to purchase under budget
- Maintained and delivered used cars to San Francisco and created sales strategy to sell them to private buyers