

Weiqian Peng

Mobile: (341) 758-2742 | Email: Qianzzz@berkeley.edu

Linkedin Website: <https://www.linkedin.com/in/weiqian-peng-46b249246/>

Personal Website: <https://qianzzzzz.github.io/Mypage/>

EDUCATION

Laney College, Oakland CA

Fall 2020 - Spring 2022

Major: Business Administration

GPA: 3.94

Relevant Coursework: Statistic, Economic, Mathematic (Calculus), Financial Accounting.

University of California, Berkeley, Berkeley CA

Summer 2022 - Present

Major: Data Science - Domain emphasis: Economic

Expected graduation date 2024

Relevant Coursework: Foundations of Data Science, The Structure and Interpretation of Computer Programs, Data Structures, Principles & Techniques of Data Science, Econometric, Probability of data science

SKILLS

Programming language: Python, SQL, Scheme, Java, R, Html, CSS

Technical skills: Microsoft Office Suite, VSCode, IntelliJ IDEA, Jupyter, Rstudio, Pandas, MySQL, Tableau, SQLite, Seaborn, Statistic (Regression, Hypothesis test, Markov chain, Logistic Regression.), Machine Learning, Data Mining

Other Spoken Languages: Mandarin (Fluent), Cantonese (Fluent)

WORK EXPERIENCE

Guangdong Jingxin Data Technology Co., LTD

Guangdong, China

Data Innovation Center Data science intern

May 2023 – July 2023

- Managed diverse client data from various industries (e.g., customer info, real estate pre-sale data) using programming and data science. Employed python, pandas, SQL, Tableau for data screening and processing, including cleaning and exploratory analysis. Ensured consistent and accurate data through governance and standardization, enhancing database efficiency.
- In charge of backend database management, addressing customer issues, and offering system support. Routine tasks encompass backup, performance optimization, and security reviews to ensure stable, efficient database operations. Continuous monitoring and updates maintain alignment with evolving business requirements.

Lao Family Community Development, Inc.

Oakland, CA

Youth Program Assistant

November 2021 – June 2022

- Assisted in planning, outreach, and recruitment of urban youth for a community project. Coordinated various activities, provided vocational training. Successfully placed participants in suitable job opportunities through effective screening and selection.
- Maintained and managed a robust data system to organize project information and data.

PROJECTS

Project: Data analysis virtual internship programme

June 2023

Accomplished Deloitte's virtual internship via Forage, mastering Python algorithm coding for data model integration, constructing Tableau dashboards for telemetry data analysis, formulating Software Development Proposals, and detecting security vulnerabilities through rigorous log scrutiny and network analysis. Acquired pivotal proficiencies in leading threat evaluations, interdisciplinary cooperation, and establishing a robust technical bedrock. Strengthened critical thinking and communication capacities.

Project: Build your own world

December 2022

Completed a course project in collaboration with a partner, creating an engine for generating interactive, explorable worlds utilizing Java, HTML, and other tools. Designed and implemented a 2D tile-based world escape game, demonstrating strong programming and design skills. Video demonstration available at <https://youtu.be/GXf-BYJUQUE>.

Project: NGordnet (NGrams)

November 2022

Led the development of a browser-based tool to explore the historical usage of English words and phrases (Google Ngram), utilizing multiple terabytes of data. Enabled users to visualize and compare the historical popularity of various words and phrases.