

Deheng Peng

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

BA. Data Science with Business and Industrial Analytics emphases

Berkeley, CA

Spring 2024

Relevant Coursework: Foundations of Data Science, The Structure and Interpretation of Computer Programs, Data Structures, Principles & Techniques of Data Science, Probability for Data Science, Introduction to Advanced Programming in R

LANEY COLLEGE

AS-T. Business Administration & AS-T. Mathematics & AA-T. Economics

Oakland, CA

Spring 2022

- Awards:

- Alice S. M. Cheng-Jones Memorial Scholarship;
- Bernard Osher Foundation Scholarship - Laney College (Fall)
- Associated Students of Laney College Scholarship-Academic Excellence Scholarship

SKILLS

- Technical Languages: Python, Java, C++, SQL, Scheme, R.
- Tools: Jupyter Notebooks, Tableau, Github, ArcGIS, Google Analytics 4
- Libraries: Git, Pandas, NumPy, SciPy, Theano, Matplotlib, Seaborn
- Languages: English, Mandarin, Cantonese.

PROJECT EXPERIENCE

Data Science Discovery Program (*Pagefelt AI*)

Berkeley, CA

Undergraduate Text team Researcher

09.2023-Present

- New project

Data Science Discovery Program (*Just As Special*) | JUPYTER NOTEBOOK, ARCGIS

Berkeley, CA

Undergraduate Text team Researcher(The runner-up for the Ribbon of Excellence Award)

02.2023-05.2023

- Cleaned and transformed over 100 data sets from the database using Regex and machine learning models.
- Analyzed the location of 350 foster care institutions in Colorado and analyzed how resources serving former kids in care intersect with public transport systems.

Data Science Discovery Program (*Rebranding In Two Dimensions*)

Berkeley, CA

Undergraduate Data Science Researcher

09.2022-12.2022

- Look through the Trademark registration database and code name rebranding activities of 4000 companies.
- Analyzed more than 150 corporate articles and extracted data using **Excel** and **Pandas**.
- Downloaded data from other existing databases as the need arises.

Game Of Dungeon | RANDOM DUNGEON WORLD | JAVA

11.2022

- Allowed users enter numbers as seeds to create a random dungeon with any number of rooms and corridors.
- Allowed users control the avatar by using the keyboard and escape the dungeon by finding the key.
- Implemented interface with the function of Heads Up Display to introduce and explain the game.

WORD NET | NGRAMS VIEWER & AUTOMATED HYPONYM TESTING | JAVA

10.2022

- Allowed users to visualize the relative historical popularity of words and phrases.
- Allowed users to detect the hyponyms of words and phrases.

CATS | AUTOCORRECTED TYPING SOFTWARE

07.2022

- Allowed users enter words on the software and calculate the typing speed automatically by **Python**.
- Implemented the Autocorrect function by **Python** and allowed Multiplayer in one game.

WORK EXPERIENCE

Pair Anything, Inc.

Remote, CA

Data Scientist Intern

06.2023-08.2023

- Built up the **Google Analytics 4** system and transferred website data to **Google Analytics 4**.
- Built and refined the wine database using **EER Model** and **Airtable**

JUST AS SPECIAL

Remote, CA

Data Scientist Summer Intern

05.2023-Present

- Finalized all the project's files, keep working on the final slide and white paper.
- Uploaded the project's datasets to Harvard Dataverse.
- **Speaker** at 2023 ADSA Annual Meeting in San Antonio, Texas

Receptionist, Music Land School Of Music

Fremont, CA

10.2020-Present

Accounting Assistant Intern, Pacific Home Decor

Hayward, CA

08.2020-01.2021

Associate Economic Analyst, Villager's Committees Of Dalou Village

Guangdong, China

01.2018-04.2020

CERTIFICATIONS

- Google Analytics Certification 06.2023
- Deloitte Technology Virtual Experience Program on Forage 12.2022
- Best Performance Trainee(MassMutual Asia) 01.2016