

# Wenqian Li

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## Education

UNIVERSITY OF MICHIGAN, COLLEGE OF LITERATURE, SCIENCE AND ARTS

2021-2024

*Bachelor of Science, Data Science and Computer Science*

- Current GPA: 3.72 / 4.00
- Course Highlights: Machine Learning, Web Systems, Data Structure, Algorithm, Discrete Math, Probability

UNIVERSITY OF CALIFORNIA, SAN DIEGO

2020-2021

*Bachelor of Science, Mathematics*

- Total GPA: 3.98 / 4.00
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## Skills

Python (Data Analysis, Machine Learning, Web System)

C++

REST API

R

SQL

Spreadsheets

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## Work Experience

HANOVER INSURANCE GROUP - Data Analyst Intern

05/2023-08/2023

- Analyzed performance between legacy and updated housing insurance systems.using SQL
  - Investigated determining factors, highlighting variations between the two systems.
  - Cross-referenced published data to validate the updated system and determine any area of improvement.
  - Investigated instances where the system mis-labeled the characteristics of a property.
  - Identified factors causing discrepancies in house condition recognition and their consequential effect on pricing accuracy.
  - Utilized a pipeline to transcribe incoming calls and implemented prompting engineering techniques to monitor call center qualities.
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## Project Experience

NLP Study Buddy

09/2023 – 12/2023

- Developed an automated quiz-generation pipeline collaboratively, integrating summarization and quiz generation using in-context learning with llama.
- Incorporated various prompting techniques such as “few shots” to increase the performance by 15% over the control group.

Cheap Flight Finder

07/2023 – 09/2023

- Developed a Flight Finder utilizing the Kiwi Partners API to efficiently track low airfare prices.
  - Implemented automated notifications through the Twilio API and email, ensuring users are promptly alerted when a flight matching their criteria becomes available at a lower cost.
  - Engineered a solution to accommodate cities with no direct flights, enhancing the platform's versatility by identifying optimal layover cities for cost-effective travel.
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## Leadership Experience

MICHIGAN ECO DATA

*Data Analysis Project Lead*

01/2022 – 05/2022

- Guided a project team of 5 members, introduced the members to the concepts and workflow of data analysis.
  - Assisted members with collecting appropriate data for their individual projects.
  - Instructed the members about data cleaning, transformation and analysis using Big Query.
  - Instructed the members about data visualization and presentation with Tableau.
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## Certificates:

GOOGLE DATA ANALYTICS CERTIFICATE

07/2022 – 07/2023

- Program revolving around problem-solving through data-driven decisions with analytical tools
- Learned how to ask the right question about the business goal; collect data with data integrity; data governance concepts; data cleaning using spreadsheets and Big Query; data organization, transformation and analysis using spreadsheets and Big Query; telling story with data visualization using Tableau.