

Haoran Harry Zhao

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EDUCATIONAL BACKGROUND

Drexel University

Philadelphia, PA
Bachelor of Science in Data Science
Graduation: June 2023
Minor: Computer Science, Economics
GPA: 4.0

Lanzhou University

Gansu, China
Bachelor of Science in Computer Science
September 2018 to June 2021
Honorable Mention
GPA: 3.9

PROFICIENCIES

- Programming languages: Python, C/C++, R, HTML, JavaScript, Bash, MySQL
- Tools: Git, Postgres, PyCharm, WebStorm, Apache Hadoop, Xcode, weka, DrRacket, Gephi, Jupyter Notebook
- Frameworks: Pandas, NumPy, Flask, TensorFlow, scikit-learn, Beautiful Soup

RELEVANT COURSEWORK

Data Structures	Business Statistics I, II
Data Visualization	Data Mining
Social Media Data Analysis	Database Systems
Machine Learning	Data Science
Deep Learning	Programming I, II
	Information Retrieval Systems

HONORS

- A. J. Drexel Scholarship, Drexel University, 2021-2022
- Scholarships for outstanding students, Lanzhou University, 2018-2021

PROFESSIONAL EXPERIENCE

Research Assistant

Drexel University Metadata Research Center

January 2022 to Present

- Participate in the NSF Institute for Data Driven Dynamical Design project.
- Build efficient pipeline to collect scholarly literature in material science from various publishers.
- Get Involved in team meetings and collaborate on scholarly and scientific output.

Data Scientist Internship

Hangzhou Yunge Data Technology Co., Ltd

August to September 2019

- Participated in the development of Instant messenger-based roadside assistance system.
- Engaged in project code testing and data maintenance related works.
- Assisted project manager to record project progress and monitor the progress in real time

Research Team Leader

Lanzhou University

March to June 2021

- Built Long Short Term Memory prediction model and train the model.
- Adopted Cross-validation method for repeated samplings and compared the prediction model with traditional RNN model.
- Recorded the experimental data and completed the experimental report.

Team Leader for the Blockly Module

DSLAb, Lanzhou University

March 2021 to January 2022

- Participated in the Google Open Source Blockly Teaching Cases Data Systems project.
- Determined the four curriculum data systems of the project.
- Simulated the phenomena in life by combining mathematics and computer simulation methods.