Haoran Zhao
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Education

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

Lanzhou University   Gansu, China
Bachelor of Science in Information Science   September 2018 to June 2021
Data Science   GPA: 3.9

Skills

Programing 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, PaddlePaddle, scikit-learn, Beautiful Soup
Operating System: Ubuntu(Unity), macOS(Darwin)

Relevant Coursework

Data Structures	Business Statistics I, II	Linear Algebra
Introduction to Data Science	Data Curation	Database Management Systems
Information Visualization	Data Science Programming I, II	Information Retrieval Systems
Social Media Data Analysis	Data Mining Applications	Machine Learning

Experience

Drexel University Metadata Research Center   Philadelphia, PA
Research Accountant   January 2022 to Present
  • Participated in the NSF Institute for Data Driven Dynamical Design project.
  • Built efficient pipeline to collect scholarly literature in material science from various publishers.
  • Participated in team meetings and collaborate on scholarly and scientific output.

Hangzhou Yunge Data Technology Co., Ltd   Hangzhou, China
Data Scientist Internship   August to September 2019
  • Participated in the development of Instant messenger-based roadside assistance system.
  • Participated in project code testing and data maintenance related works.
  • Assisted project manager to record project progress and monitor the progress in real time.

Lanzhou University   Gansu, China
Team Leader   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.

DSLab   Gansu, China
Team Leader for the Blockly Module   March 2021 to Present
  • 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.

Honors and Awards

A. J. Drexel Scholarship, Drexel University, 2021-2022
Second Prize in the Mathematical Contest in Modeling, Lanzhou University, 2021