Michael Wang

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EDUCATION

Emory University, Atlanta, GA   August 2021 – May 2025 (Expected)
Bachelor of Science in Quantitative Sciences, Data Science Track   GPA: 3.99/4.00
Relevant Courses: Machine Learning (basic deep learning), Natural Language Processing, Probability and Statistics, Computer Science, Linear Regression, Web Design, Statistical Computing, Linear Algebra, Discrete Mathematics, Scientific & Research Methods.
Honors and Awards: Dean's List all semesters, Phi Eta Sigma Honor Society (Fall 2021).

WORK EXPERIENCE

Science for Georgia   Atlanta, GA
Data Think & Capstone Research Intern   September 2023 – Present
- Reassessed different communities' environmental risks that changed overtime by performing external data gathering, ingestions, transformation, cleaning, and data visualizations.
- Quantified and analyzed local environmental changes over time with data storytelling.
- Applied skills of Machine learning, data sourcing/ retrieval, analysis, and visualizations dealing with real world challenges.

Tianjin Bincheng Institute of Digital Ecology Research   Tianjin, China
Data Analytics and Statistics Intern   May 2023 – June 2023
- Composed an analytical report about the Economy of Beijing with visualizations and interpretations.
- Applied skills of Natural Language Processing and Machine Learning, data visualization, linear regression, and machine learning in analysis and research (with Microsoft Excel, SQL queries, Python (Jupyter and Colab), R).
- Participated in research of the Index of National Companies Development: researching and organizing corresponding data and investigating methods of Machine Learning and weighted computing.

Tianjin Qinglong Construction and Installation Engineering Co., Ltd   Abu Dhabi
Project Data Assistant Intern   May 2022 – July 2022
- Developed a website with R Shiny to better organize financial documents and data. Link to web: https://michaelwangshinyapps.shinyapps.io/FinancialDataTJQL/
- Organized necessary documents and manipulated data into tables using Excel.
- Experienced an intensive period of work and development and the real-world application of data cleaning and data analysis.

LEADERSHIP INVOLVEMENT

Oxford College of Emory University   Oxford, GA
Supplemental Instructors (SI)   January 2022 – May 2022
- Offered weekly review sessions on Calculus 2.
- Communicated with professors and students effectively on the course content.
- Delivered academic assistance to students to improve course material comprehension.

PROJECTS

"How Misogynistic is Rap? Lyrical and Comparative Analysis of Misogyny in Rap Music"   December 2023
Link to report (natural language processing, data visualizations, cooperated with Indy Gu and Michael Cao)
MLB Data Analysis "The Atlanta Braves' Player Evaluations: An Examination of Position Player Qualities Valued by the Braves through their Recent Contract Extensions."   April 2023
Link to report (data visualizations, data analysis, cooperated with Chris Paik and Sam Chen)
NBA Data Analysis "Warriors Report: Discussion on Warriors in Season 22-23"   March 2023
Link to report (linear regression, data visualizations, data analysis)

SKILLS

Technical and Programming skills: R (Fluent), Python (Medium), Java (Fluent), JavaScript (HTML+CSS) (Basic) , Excel (Medium), SQL (Basic), C (Basic)
Analytical skill: Statistical analysis, Natural language processing, Data visualization, Linear regression, Machine Learning
Language: Chinese (native speaker), English (fluent), Arabic (basic)