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: 3.97/4.00
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
Honors and Awards: Dean's Lists, Emory "DataFest" Hackathon "Best Visualization", Phi Eta Sigma Honor Society

WORK EXPERIENCE

Emory University   Atlanta, GA
Research Assistant   June 2024 – Current
- Conducted comprehensive literature reviews to support theory development and justification in academic papers.
- Collaborated with professors to refine paper content and ensure robust academic justifications.
- Applied statistical tools and knowledge to understand the theoretical work and current advancement in the field.

Science for Georgia   Atlanta, GA
Data Think & Capstone Research Intern   September 2023 – May 2024
- 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 using GIS.
- Applied skills of Machine learning, data sourcing/ retrieval, analysis, and visualizations dealing with challenges.

Flite   Remote, USA
Data Science Part-time Intern   January 2024 – May 2024
- Developed data science solutions in associate with ticket selling and event attendees attraction schemes.
- Developed potential useful machine learning model that helps predict financial data of company.
- Applied analytical skills to data collection, analysis, and event performance reporting.

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 Machine Learning, data visualization, linear regression in analysis and research
- 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

LEADERSHIP INVOLVEMENT

Oxford College of Emory University   Oxford, GA
Supplemental Instructors (SI)   January 2022 – May 2022
- Offered weekly review sessions on Calculus 2.
- 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)
*More projects can be found in [portfolio](#).

SKILLS

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