Junyi (Joshua) Wang

Chicago, IL | joshuawjy31@gmail.com | (919) 417-7123 | linkedin.com/in/joshuawang31

Education

University of Chicago, Chicago, IL   Sep 2024-Dec 2025
Master of Science in Applied Data Science

North Carolina State University, Raleigh, NC   Aug 2019-Dec 2023
Bachelor of Science in Statistics
Bachelor of Science in Economics
Cumulative GPA 3.73/4.0

Relevant Courses: Long-Term Actuarial Models, Linear Algebra, Foundation of Advanced Math, Regression Analysis, Mathematical Statistics I, Intro Stat I – II, Statistical Programming – R, Statistical Programming – SAS, CSC111-Python, Statistical Computing and Data Management, Intermediate Micro & Macro Economics, Financial Markets

- Awards: Dean's List, University Performance Program first prize scholarship, Omicron Delta Epsilon (Economics Honor Society)
- Software: R (Intermediate), SAS (Intermediate), MySQL (Intermediate), Snowflake (Intermediate), Python (Beginner), Tableau, Power BI, and Excel
- Languages: English, Mandarin, and Cantonese

Work Experience

North Carolina State University - Resident Advisor, Raleigh, NC   Aug 2020-Dec 2023
- Mentored 50+ freshmen by providing advising on adjusting to and transitioning to campus life.
- Engaged directly in collaboration with a multicultural and multiethnic student staff team.
- Embraced diversity and displayed empathy within the community.

Fidelity Investments – Workplace Investing Data Analyst Intern, Durham, NC   Jun 2023-Aug 2023
- Applied SQL skills (Snowflake) to efficiently organize and manage multiple databases, including data cleaning, and data extraction to support strategic decision-making.
- Leveraged Tableau to design and develop interactive and informative dashboards with key metrics sourced from enterprise data lake for multi-dimensional data analysis reports.
- Collaborated with data governance to gather requirements, compile complex specifications, and deliver data-driven insights to stakeholders.

CAPTRUST - Data Analyst Intern, Raleigh, NC   May 2022-Aug 2022
- Conducted in-depth data analysis in R by transforming data into information that can be used to make sound business decisions.
- Utilized Power BI to enhance company's reporting and troubleshoot to resolve reporting and data issues.
- Assisted in building a data model by documenting data in reports, identifying metrics, and recognizing dependencies in calculations by using VLOOKUP, IF functions in Excel.
- Communicated with Project Management team daily through virtual and face-to-face meetings.

Research Experience

North Carolina State University - Researcher, Raleigh, NC   Jan 2023-Apr 2023
- Designed linear regression model to analyze the correlation between GRE scores and GPA.
- Employed SAS to devise, execute, and fine-tune multiple iterations of intricate linear regression models, and leveraged statistical techniques to extract valuable insights from complex datasets.
- Demonstrated keen attention to details and a creative approach in conceptualizing, structuring, and crafting the research paper, and ensured the seamless integration of methodologies, findings, and conclusions to present a comprehensive and compelling narrative.

Certifications and License

- Truist Emerging Leaders Certification   May 2022
- LinkedIn Learning SQL Programming   Jan 2023