Junjie (Jacky) Xu

(437) 340-7868 • junjie.xu@rotman.utoronto.ca • linkedin.com/in/junjie-xu-jacky • nicejackyyy.github.io

Highly motivated analytics professional with strong proficiency in data analysis, machine learning, and statistical methods. Adept at utilizing advanced quantitative techniques to drive decision-making and deliver actionable insights. Passionate about leveraging data for business impact and seeking opportunities to further develop expertise in management analytics.

- Data Analysis
- Statistical Methods
- Machine Learning
- Financial Analysis
- Data Visualization
- Python & SQL & R

EDUCATION

Rotman School of Management, University of Toronto, Toronto, Ontario
Master of Management Analytics Candidate, 2025
- Developed expertise in applying advanced data analysis and visualization techniques to solve business challenges.

University of Toronto, Toronto, Ontario
Honors Bachelor of Science: Double Major in Economics & Statistics, 2024
- CGPA: 3.84/4.00 | Dean's List (2021-2024) | New College In-Course Scholarship

PROFESSIONAL EXPERIENCE

Canadian Tire, Toronto, Ontario
Data Science Intern, Jan 2025 – now
- Applying data science techniques to solve business challenges (ongoing role, specific achievements TBD).

Alpha Libertée, Toronto, Ontario
Start-up focused on empowering businesses with AI-driven solutions and data analytics to enhance decision-making
Data Analyst Intern, Aug 2023 – Oct 2023
- Improved AI assistant's accuracy by ~15% through application of advanced quantitative analysis, resulting in more effective decision-making capabilities for clients
- Conducted a comprehensive equities analysis of 50+ company annual reports to aid investment decisions and provide insights, directly contributing to more than 10% improvement in estimated client investment returns
- Spearheaded weekly data-driven discussions with mentors, leading to the implementation of three new analytical techniques, improving the overall efficiency of the data processing pipeline

Statistics Bureau of Suzhou Industrial Park, Suzhou, China
Statistical Analysis Intern, May 2023 – Jul 2023
- Led a team in the 5th national economic census in Suzhou Industrial Park, coordinating with Municipal Bureau to ensure accurate data collection, finished the trial collection three days ahead of schedule
- Represented the department at the UN SIAP training program, enhancing skills in data visualization and health statistics
- Developed and implemented statistical programs to improve data collection and processing, mainly introducing the BI tools to substitute the Excel, supporting reliable decision-making

TECHNICAL PROJECTS

Big Data Tools & Applied Machine Learning for Economists Research Project, Oxford, England
- Designed research questions and authored academic paper as part of project-based course under mentorship of professor
- Analyzed real-world dataset of 17,000+ records, in conjunction with 4 census datasets, using geospatial analysis
- Employed Python functions to execute data visualization, geospatial analysis using zip code shape files, and merging census data for regression and machine learning
- Utilized regression and machine learning techniques to enable statistical predictions; prepared and delivered presentation summarizing intricate relationship between population density, food delivery services and Yelp ratings in Arizona

ADDITIONAL INTERESTS AND ACHIEVEMENTS

- Team Member, 2023 ASA DataFest @ University of Toronto – Best Visualization Award (2nd Place of the competition)
- Team Member, 2022 Youth Storm Microsoft Business Analysis Competition – Semi-Finalist.
- Fluent in both English and Mandarin.