Yu-Hsiang "Jason" Wang

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EDUCATION

The Ohio State University *Columbus OH* | **06/2024 – 06/2026 (Expected)**
Bachelor of Science, Mathematics (Theoretical Track)
Minors: Computer Science, Statistics, Quantitative Economics

TECHNICAL SKILLS

Programming & Data Analysis: Python, R, C++, SQL (MySQL, PostgreSQL), Excel, Tableau, Power BI, MATLAB
Machine Learning & Big Data: Pandas, NumPy, Hadoop, Spark, Hive, TensorFlow, Keras, PyTorch, Scikit-Learn
Tools & Platforms: Alteryx, AWS, GitHub, Jupyter, Jira, SAS, ETL Processes, dplyr, ggplot2, Matplotlib, Seaborn

EXPERIENCE

Financial Systems Analyst Intern | GEICO *Chevy Chase MD (Hybrid)* | **06/2024 – 08/2024**
• Led platform migration to **ensure seamless integration** and **achieved 15% increase in processing efficiency**
• Developed and **implemented custom validations** to **enhance data accuracy** and **reduce error rates by 20%**
• Conducted **Workday unit testing** and created detailed process flowcharts with Visio to streamline workflows

Project Management Intern | i3 Verticals *Nashville TN (Remote)* | **03/2024 – 06/2024**
• Collaborated in agile scrum meetings for risk mitigation strategies, **improving delivery timelines by 15%**
• Maintained and coordinated **consistent communication channels** through Microsoft Teams and Outlook
• Utilized Jira, Kantata, SharePoint for **tracking progress** and **streamlining project management workflows**

Accounting Assistant | Municipal Securities Rulemaking Board *Washington D.C. (Hybrid)* | **08/2023 – 03/2024**
• Reviewed general ledger edit lists with A/R credits and refunds, **improving financial efficiency by 10%**
• Responded to stakeholders regarding billing and receipt questions for **elevated customer satisfaction**
• Carried out in-depth research and **traced 500+ documents** in Dynamics GP while following compliance

PROJECTS

Freddie Mac Mortgage Credit Risk Model *College Park MD* | **01/2024 – 03/2024**
• Employed Monte Carlo simulations for empirical distributions of mortgage credit risk
• Estimated borrower default and prepayment rates using survival modeling with Python
• Developed stochastic models for prices and interest rates to propagate loss distribution

Assessing Online Advertisement Campaign *Chicago IL* | **01/2022 – 03/2022**
• Filtered, sorted, joined, and aggregated comprehensive email marketing data with SQL
• Built an interactive yet simple dashboard to visualize business performance with Tableau
• Wrote a technical report to communicate insights and suggested advertisement channels

How Citi Bike Allocation Meets Demand *Chicago IL* | **09/2021 – 11/2021**
• Applied descriptive statistics and regression analysis to identify variables with R
• Predicted daily bike demand with 85% accuracy using machine learning models
• Used Excel Solver with objective and constraints to find optimized bike allocation

ADDITIONAL INFORMATION

Languages: English (Full Professional), Mandarin (Native), Japanese (Professional Working)
Certificates: AWS Cloud Practitioner, Google Analytics, Bloomberg Market Concepts, JLPT N1
Hobbies: Post-Rock Drumming, Traveling, Doodling, Gaming, Billiards, Bowling, Badminton