Xuanrui Chen

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EDUCATION

University of Illinois Urbana-Champaign Champaign, IL
- Bachelor of Science in Accountancy and Data Science Aug 2023 - May 2027
- **GPA:** 3.75/4.00; **Honor:** Dean's List

WORK EXPERIENCE

Grant Thornton China Guangzhou, China
Audit Intern Jun 2026 - Jul 2026
- Prepared and maintained audit workpapers for cash and cash equivalents and fixed assets, ensuring supporting documentation complied with audit procedures and engagement requirements.
- Reconciled general ledger balances with supporting schedules and documentation, identifying discrepancies and documenting findings for further review.
- Assisted in the preparation of audit adjustment summaries and reviewed depreciation calculations and fixed asset registers using Excel.
- Conducted physical asset verification, identifying and documenting exceptions, including missing items, damaged assets, detached labels, and location discrepancies.
- Organized and indexed electronic audit evidence and working-paper files, improving the completeness, consistency, and traceability of engagement documentation.

CITIC Securities Cangzhou, China
Financial Analysis Intern Jul 2025 – Aug 2025
- Consolidated, cleaned, and validated financial data from company disclosures, financial statements, and internal datasets using Microsoft Excel to support industry research and valuation analysis.
- Performed data validation and cross-referenced information across financial statements, public disclosures, and internal records to ensure accuracy.
- Conducted in-depth company and industry research, identifying key financial trends and delivering actionable business insights.
- Developed analytical reports and professional presentation materials for senior team members using Excel and PowerPoint.
- Supported due diligence processes and document management across multiple investment projects.

PROJECT EXPERIENCE

Chicago Divvy Bike Demand and Weather Analysis Project Champaign, IL
Class Project Oct 2025 – Dec 2025
- Collected, cleaned, and merged over 5 million Divvy bike-sharing trip records with NOAA historical weather data using Python (Pandas), creating a clean, structured dataset for analysis.
- Performed exploratory data analysis, correlation studies, and linear regression to evaluate the impact of temperature, precipitation, humidity, wind speed, and temporal factors on bike-sharing demand.
- Visualized key patterns with Matplotlib, revealing that higher temperatures strongly correlated with increased ridership while precipitation significantly decreased demand.

Analyzing Fairness in Machine Learning Models for Income Prediction Champaign, IL
Class Project Mar 2026 – May 2026
- Independently completed an end-to-end machine learning project using the Adult Income Dataset, performing data cleaning, missing-value treatment, categorical feature encoding, and feature engineering with Pandas and NumPy.
- Developed and evaluated multiple supervised classification models using Scikit-learn to predict whether an individual's annual income exceeded $50,000, assessing model performance through accuracy and classification results.
- Analyzed model predictions across demographic groups to detect potential algorithmic bias, evaluated accuracy-fairness trade-offs, and presented findings with statistical analysis and data visualizations.

ADDITIONAL INFORMATION

Technical Skills: Python (Pandas, NumPy, Matplotlib, Scikit-learn), Jupyter Lab, Microsoft Office Suite
Languages: Mandarin (native), English (fluent)