

Freddie Guo

guofreddie@gmail.com | (725) 400-2008 | freddiego.github.io

WORK EXPERIENCE

Handshake AI <i>Data Annotation Specialist</i>	Oct. 2025 – Present Remote
Labeled and evaluated AI-generated images to improve training data quality for computer vision models. <ul style="list-style-type: none">• Tagged images by objects, scenes, and visual attributes using internal tools to standardize training datasets.• Rated clarity, realism, and artifacts to identify low-quality model outputs and support model refinement cycles.• Ensured annotation accuracy and consistency by enforcing internal quality and safety guidelines.	

Boston University <i>Research Analyst</i>	Jan. 2023 – Dec. 2023 Boston, MA
Designed and executed econometric studies translating large datasets into insights for urban planning and labor policy. <ul style="list-style-type: none">• Topic: Infrastructure & Housing Valuation (600K+ transactions)<ul style="list-style-type: none">◦ Built staggered Difference-in-Differences models (event-study style) to quantify price impacts and market elasticity near new subway stations.◦ Key Results: Found +26.5% price appreciation near stations and -35.6% decline beyond 3 km, informing capital allocation, investment and zoning discussions.• Topic: Education & Labor Supply (543K+ transactions)<ul style="list-style-type: none">◦ Engineered and compared 6 regression specifications; selected optimal model via out-of-sample fit and statistical testing to ensure forecasting accuracy.◦ Key Results: Showed that workers with higher education correlates with longer working hours, informing labor and policy planning.	

PROJECT EXPERIENCE

Walmart Sales Analytics	Sep. 2025
Performed end-to-end analysis of Walmart's multi-store retail dataset to uncover revenue patterns and business drivers. <ul style="list-style-type: none">• Cleaned, merged, and queried large datasets using Python and SQL, preparing analysis-ready data for EDA.• Conducted exploratory analysis, correlation checks, and time-series visualizations to evaluate holiday effects, seasonality, regional variation, and long-term sales trends.• Built dashboards highlighting key insights, including holiday demand spikes (~8%), December revenue peaks, and strong sales concentration among top-performing stores. Stack: Python, SQL, Pandas, Matplotlib, GitHub GitHub: github.com/freddiego/walmart-sales-analysis	

EDUCATION

Boston University <i>Bachelor of Arts in Computer Science & Economics</i>	Jan. 2025 Boston, MA
<ul style="list-style-type: none">• Relevant Coursework: Behavioral Economics, Econometrics, Database Systems, Algorithms, Web Development• Activities: Consulting Group (case practice workshops); BU Wellbeing Committee (student wellness initiatives)	

SKILLS & INTERESTS

- **Technologies:** Python, SQL, Excel, Tableau, Power BI, Stata, JavaScript, Next.js, Node.js
- **Tools:** Pandas, NumPy, Matplotlib, VS Code, GitHub, SQLite
- **Skills:** Data Analysis, Financial Modeling, Risk Analysis, Strategic Planning, Operations Optimization
- **Interests:** Badminton, Traveling, Photography, Cooking, Digital Art/Design