Jesse Metzger
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Profile

Through various econometric courses I gained a strong foundation in statistical analysis. Through work experience and various projects, I've gained skills in Data Science and Web Development.

Experience

Data Analyst (part time)– FindBobi   **August 2021 – Current, Remote**

- Collect data from various public sources using API endpoints and web scraping techniques
- Cleaned data, created APIs, organized it into relational databases, and presented statistical summaries

Data Scientist – BlueOptima   **March 2022 – January 2023, Phoenix, Arizona**

- Data analysis, big data, predictive modeling, database structuring, data visualization, script writing
- Presented findings and recommendations to clients, worked closely with various data engineering teams

Data Analyst Intern - Japan Tobacco International   **March – August 2021, Moscow, Russia**

- Predictive modeling, data cleaning, data visualizations, script writing
- Presented complicated concepts to nontechnical audiences, automated repetitive tasks

Relevant Projects

D3.js Visualizations of Personal Investments   **January 2023**

- Organized and visualized my personal data from Interactive Brokers
- Link to project: https://jesse-metzger.vercel.app/stocks/

Natural Language Processing – Daily News Articles Classification   **December 2022**

- News articles of each US state are classified daily and displayed on a D3.js map
- Link to project: https://jesse-metzger.vercel.app/ml/

Deep Dive into D3.js   **December 2022**

- Extensive practice with D3.js to gain proficiency
- Link to project: https://jesse-metzger.vercel.app/projects/d3_projects

Computer Vision – Digit Recognition with TensorFlow   **November 2022**

- Custom built model to identify digits draw by user. Feature added so users can contribute to training data
- Link to project: https://jesse-metzger.vercel.app/ml/image

D3.js Visualization for Comparing Cities   **November 2022**

- Comparison of 50 cities with nine categorical variables.
- Link to project: https://jesse-metzger.vercel.app/livability

D3.js visualizations for Financial Data   **October 2022**

- Automated scrapping of financial data and with a D3.js geographical representation
- Link to project: https://jesse-metzger.vercel.app/stocks/world

Foreign Direct Investments   **June 2021**

- Research in FDIs, Data sources: World Bank, WTO, United Nations, three Central Banks
- Link to project: https://jesse-metzger.vercel.app/projects/fdi

San Diego Transport   **February 2021**

- Research in Public transportation, Data sources: Regional GIS Data Warehouse and Data Surfer from sandag.org
- Link to project: https://jesse-metzger.vercel.app/projects/transport

Education

MA from Johns Hopkins University (SAIS),   **Washington, DC**
International Economics and Europe/Eurasian Studies   **May 2019**

- Coursework: Applied Econometrics, Macro Econometrics, Economic Development, Public Finance

BA from University of California, Riverside   **Riverside, California**
Double major in Comparative Literature and Music   **May 2012**

- Studied abroad in Mexico, Argentina, Ghana, and Spain

Additional Information

Languages   English (Native), Russian (Advanced), Spanish (Advanced)
Skills   Python, React, Machine Learning, SQL, Tableau, D3.js
Work History   To see a comprehensive list of all the jobs I've held go to this page