

PRATHAMESH SINGH

prathameshsingh257@gmail.com | 737-296-7760 | LinkedIn | github.com/pratattack | Houston, TX

EXECUTIVE SUMMARY

- Economics graduate with a minor in Entrepreneurship and a strong foundation in microeconomic and macroeconomic theory, quantitative data analysis, and behavioral economics.
- Portfolio research includes Python and SQL analysis of 11,552 EIA utility records, with data validation, peer benchmarking, and scenario analysis to support business decisions.
- Seeking roles in economic research, data analysis, policy evaluation, consulting, or financial markets where analytical and quantitative skills drive decisions.

TECHNICAL KNOWLEDGE

Programming & Data: Python, SQL, Stata, Excel

Software: Microsoft Office Suite (Word, Excel, PowerPoint), Adobe Creative Suite, Canva

Tools: Figma, WordPress, Google Analytics, Trello, Zapier, Twilio, Eventbrite

EDUCATION

University of Houston

Houston, TX

Bachelor of Science in Economics, Minor in Entrepreneurship | May 2026

RELEVANT COURSEWORK

Behavioral Economics (ECON 4374), Introduction to Economic Data Analysis (ECON 3320), Intermediate Microeconomics (ECON 3332), Intermediate Macroeconomics (ECON 3334), Managerial Economics (ECON 3389), Economics of Money & Banking (ECON 3371), Economics of Energy (ECON 3385), Corporate Entrepreneurship (ENTR 3312), Selected Topics in Entrepreneurship (ENTR 4397).

WORK EXPERIENCE

Desk Assistant

Aug 2023 – May 2024

University of Houston – Cougar Place, Houston, TX

- Delivered exceptional front desk service, resolving resident inquiries with professionalism and ensuring a warm, welcoming environment.
- Leveraged digital platforms to streamline booking management, maintain real-time records, and enhance internal communication processes.
- Collaborated with leadership to develop and execute resident feedback systems, using data insights to tailor community events and improve overall satisfaction.

Intern

Sept 2022 – Jan 2023

Metalplex, Austin, TX

- Supported product development and marketing initiatives that helped drive sales growth and increased website traffic.
- Assisted cross-functional coordination between design, production, and logistics teams to help ensure timely, budget-conscious product launches.
- Contributed to production workflow improvements that helped reduce time-to-market and improve operational efficiency.

PROJECTS

github.com/pratattack/analytics-portfolio

Utility Reliability Due Diligence Lab

Python, SQL | Oct 2026

- Research prototype: Python ETL and SQLite analysis of 11,552 EIA records across six years; source lineage, peer benchmarking, and an interactive analyst workbench.
- Data quality reconciliation flagged 26 state-summary discrepancies in 2025; scenario analysis and 16 automated tests support documented decision gates and reproducibility.

Mobility Demand Forecasting & Capacity Economics

Python | Oct 2026

- Forecasting project: evaluated five models on 731 public daily observations using chronological validation, rolling forecasts, and a separate 184-day test period.
- Ridge regression achieved 13.35% test WAPE versus 18.70% for a seasonal baseline; capacity planning scenarios and sensitivity analysis translate forecast errors into modeled costs.

Behavioral Economics Experiment - Anchoring Bias

ECON 4374 | Spring 2026

- Designed a between-subjects experiment with 23 participants; analyzed average repair-cost estimates of \$1,758 versus \$675 across treatment and control groups.