

Samira Patel

Economics Major

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Education

B.A. Economics, State University (Expected May 2026)

GPA: 3.85, Honors Program

Relevant Coursework, Microeconomics, Econometrics, Statistics, Game Theory, Public Economics ()

Experience

Research Assistant — Economics Department | Sep 2024 - Present

- Cleaned and merged panel datasets in R and Stata; implemented reproducible scripts for data processing.
- Performed regression analyses controlling for fixed effects; drafted methodology sections for working paper.
- Visualized results for presentations and assisted in preparing materials for a regional symposium.

Finance Intern — Community Bank | Jun 2023 - Aug 2023

- Prepared weekly credit memos and assisted with underwriting for small business loans; supported \$250K in approved loans.
- Automated monthly report generation in Excel, reducing manual preparation time by 40%.

Policy Intern (Part-time) — City Hall — Office of Economic Development | Jan 2023 - May 2023

- Assisted with data collection for local employment statistics; compiled briefing notes for weekly meetings.
- Supported outreach for small business grant program and tracked application metrics.

Teaching Assistant — Intro to Econometrics | Sep 2022 - Dec 2022

- Graded problem sets and held weekly office hours; clarified concepts in regression and hypothesis testing for 60+ students.

Projects

Wage Gap Econometric Analysis — Stata, R

- Ran OLS and fixed-effects models on CPS microdata; interpreted coefficients and robustness checks for policy memo.

Policy Brief — Local Housing Market — Research, Excel

- Assessed zoning scenarios and estimated impacts on affordability; recommended incentives for below-market units.

Forecasting Model (Course Project) — R, Time Series

- Built ARIMA model forecasting local unemployment rates; evaluated forecast accuracy with RMSE metrics.

Activities & Awards

Undergraduate Research Grant Recipient • Economics Club — Events Coordinator • Volunteer — Tax Assistance Program

Skills

R, Stata, Excel, SQL (basic), Data Analysis, Econometrics, Policy Research, ggplot2, Tableau