

# Anish Poudel

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## EDUCATION

### Michigan State University, Honors College

*Bachelor of Science in Economics, GPA: 3.75/4.00*

**Minors:** Quantitative Data Analytics, Data Science, Entrepreneurship & Innovation

**Awards & Grants:** International Tuition Grant (\$25,000/yr; 2022-2026), Dean's List, Pathways to Research Grant

**East Lansing, MI**

Expected: May 2026

## WORK EXPERIENCE

### Michigan State University – Department of Economics

*Undergraduate Research Assistant*

**East Lansing, MI**

Mar 2025 – Present

- Conduct applied health economics research with Professor Paul Kim on Medicare Part D and PPP, examining insurer behavior, subsidy design, PPP loan uptake, and business survival outcomes
- Compile, clean, and structure large administrative datasets (CMS Medicare Part D, SBA PPP, Data Axle, Census CBP) using Python/R through merging, deduping, and fuzzy matching
- Apply econometric methods with fixed effects regression to evaluate insurer strategic reporting, subsidy benchmark effects, and PPP loan outcomes

### Michigan State University – Department of Economics

*Undergraduate Teaching Assistant*

**East Lansing, MI**

Aug 2025 – Present

- Support weekly economics lectures and lead help room sessions, assisting students and clarifying concepts
- Manage class email communications, provide timely and accurate responses to student inquiries
- Proctor midterm and final exams, maintaining academic integrity and supporting smooth exam administration

### State Street Corporation

*Financial Risk Management Intern*

**Boston, MA**

Jun 2025 – Aug 2025

- Collaborated within the Global Treasury Risk Management (GTRM) team on portfolio exposure measurement and deposit behavior modeling initiatives
- Built and automated the Portfolio Exposure Report using SQL/Python with asset class, level, and currency aggregations to calculate portfolio risk metrics and exposures
- Applied time-series clustering (DTW, segmentation) to identify behavioral segments and long-term balance trends for deposit modeling

### University Village & 1855 Place Apartments

*Service Center Representative*

**East Lansing, MI**

Jan 2023 – Aug 2025

- Managed package and mail processes, ensuring accurate logging and timely notifications
- Facilitated communication between residents, supervisors, and facilities managers to resolve inquiries

### Sahara Hospital Pvt. Ltd

*Data Analyst Co-op*

**Pokhara, Nepal**

Oct 2021 – Jun 2022

- Created financial reports and data visualizations to analyze patient trends and revenue patterns
- Collaborated with finance department to produce monthly financial forecasts and performance analyses

## TECHNICAL SKILLS

**Programming Languages & Statistical Software:** Python, R, SQL, C, SAS

**Financial Analysis & Data Tools:** Bloomberg Terminal, Microsoft Excel, Tableau, Power BI

## PROJECTS

### Idea Innovation & Market Analysis – Creativity & Entrepreneurship

Jan 2024 – May 2024

- Developed Smart Water Quality Bottle concept with sensor technology, value proposition, and market feasibility
- Conducted market research, prototype design, and brand strategy; placed Top 4 of 250 in Spartan Agora Project

### College Football Analysis – Data Science (Programming in R)

Oct 2023 – Dec 2023

- Analyzed team performance using R, regression models, and ggplot2 to identify key performance drivers
- Applied quantitative models to assess offense and defense impacts, comparing average vs. cumulative metrics

### Time-Series Forecasting of Crime Rates – Computational Data Analysis

Mar 2023 – May 2023

- Performed time-series analysis on Michigan crime datasets (2008-2019) to identify statistical trends and patterns
- Built predictive regression models with curve-fitting techniques to generate long-term crime forecasts