

Anish Poudel

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EDUCATION

Michigan State University, Honors College <i>Bachelor of Science in Economics, GPA: 3.75/4.00</i>	East Lansing, MI
Minors: Quantitative Data Analytics, Data Science, Entrepreneurship & Innovation	Expected: May 2026
Awards & Grants: International Tuition Grant (\$25,000/yr; 2022-2026), Dean's List, Pathways to Research Grant	

WORK EXPERIENCE

Michigan State University – Department of Economics <i>Undergraduate Research Assistant</i>	East Lansing, MI
• 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	Mar 2025 – Present
• Compile, clean, and structure large administrative datasets (CMS Medicare Part D, SBA PPP, Data Axe, 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 <i>Undergraduate Teaching Assistant</i>	East Lansing, MI
• Support weekly economics lectures and lead help room sessions, assisting students and clarifying concepts	Aug 2025 – Present
• 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 <i>Financial Risk Management Intern</i>	Boston, MA
• Collaborated within the Global Treasury Risk Management (GTRM) team on portfolio exposure measurement and deposit behavior modeling initiatives	Jun 2025 – Aug 2025
• 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 <i>Service Center Representative</i>	East Lansing, MI
• Managed package and mail processes, ensuring accurate logging and timely notifications	Jan 2023 – Aug 2025
• Facilitated communication between residents, supervisors, and facilities managers to resolve inquiries	
Sahara Hospital Pvt. Ltd <i>Data Analyst Co-op</i>	Pokhara, Nepal
• Created financial reports and data visualizations to analyze patient trends and revenue patterns	Oct 2021 – Jun 2022
• 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	