

# Anish Poudel

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## EDUCATION

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

## WORK EXPERIENCE

<b>Michigan State University – Department of Economics</b> <i>Undergraduate Research Assistant</i>	<b>East Lansing, MI</b>
	Mar 2025 – Present
<ul style="list-style-type: none"><li>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</li><li>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</li><li>Apply econometric methods with fixed effects regression to evaluate insurer strategic reporting, subsidy benchmark effects, and PPP loan outcomes</li></ul>	
<b>Michigan State University – Department of Economics</b> <i>Undergraduate Teaching Assistant</i>	<b>East Lansing, MI</b>
	Aug 2025 – Present
<ul style="list-style-type: none"><li>Support weekly economics lectures and lead help room sessions, assisting students and clarifying concepts</li><li>Manage class email communications, provide timely and accurate responses to student inquiries</li><li>Proctor midterm and final exams, maintaining academic integrity and supporting smooth exam administration</li></ul>	
<b>State Street Corporation</b> <i>Financial Risk Management Intern</i>	<b>Boston, MA</b>
	Jun 2025 – Aug 2025
<ul style="list-style-type: none"><li>Collaborated within the Global Treasury Risk Management (GTRM) team on portfolio exposure measurement and deposit behavior modeling initiatives</li><li>Built and automated the Portfolio Exposure Report using SQL/Python with asset class, level, and currency aggregations to calculate portfolio risk metrics and exposures</li><li>Applied time-series clustering (DTW, segmentation) to identify behavioral segments and long-term balance trends for deposit modeling</li></ul>	
<b>University Village &amp; 1855 Place Apartments</b> <i>Service Center Representative</i>	<b>East Lansing, MI</b>
	Jan 2023 – Aug 2025
<ul style="list-style-type: none"><li>Managed package and mail processes, ensuring accurate logging and timely notifications</li><li>Facilitated communication between residents, supervisors, and facilities managers to resolve inquiries</li></ul>	
<b>Sahara Hospital Pvt. Ltd</b> <i>Data Analyst Co-op</i>	<b>Pokhara, Nepal</b>
	Oct 2021 – Jun 2022
<ul style="list-style-type: none"><li>Created financial reports and data visualizations to analyze patient trends and revenue patterns</li><li>Collaborated with finance department to produce monthly financial forecasts and performance analyses</li></ul>	

## TECHNICAL SKILLS

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

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

## PROJECTS

<b>Idea Innovation &amp; Market Analysis – Creativity &amp; Entrepreneurship</b>	Jan 2024 – May 2024
<ul style="list-style-type: none"><li>Developed Smart Water Quality Bottle concept with sensor technology, value proposition, and market feasibility</li><li>Conducted market research, prototype design, and brand strategy; placed Top 4 of 250 in Spartan Agora Project</li></ul>	
<b>College Football Analysis – Data Science (Programming in R)</b>	Oct 2023 – Dec 2023
<ul style="list-style-type: none"><li>Analyzed team performance using R, regression models, and ggplot2 to identify key performance drivers</li><li>Applied quantitative models to assess offense and defense impacts, comparing average vs. cumulative metrics</li></ul>	
<b>Time-Series Forecasting of Crime Rates – Computational Data Analysis</b>	Mar 2023 – May 2023
<ul style="list-style-type: none"><li>Performed time-series analysis on Michigan crime datasets (2008-2019) to identify statistical trends and patterns</li><li>Built predictive regression models with curve-fitting techniques to generate long-term crime forecasts</li></ul>	