

# LAUREN E. COOP

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## PROFESSIONAL SUMMARY

Motivated and dependable student-athlete with a strong work ethic and extensive experience working in a team setting. Eager to apply my analytical and detail-oriented skillset to drive strategic decisions within dynamic business environments.

## EDUCATION

Syracuse University | School of Information Studies

May 2025

**BS Applied Data Analytics | BA Policy Studies | GPA 3.96**

**Awards:** Alston Award Scholarship | Atlantic Coast Conference Academic Honor Roll | Division I Athletic Scholarship

**Relevant Coursework:** Applied Machine Learning | Data in Society | Applied Data Science | Database Management | Information Reporting and Presentation | Methods of Policy Analysis and Presentation | Professional Writing | Front End Web Development

## TECHNOLOGY SKILLS

**Programming Languages:** Python, R-Studio | **Database Management:** SQL | **Software:** MS Word, MS Excel, MS PowerPoint, Tableau, HTML

## WORK EXPERIENCE

**Research Fellow**, Syracuse University Digital Work Group, Syracuse, NY

Aug 2022 – Present

- Collaborate with a team of 10 researchers to study the development of the gig work economy.
- Perform data analysis and create visualizations using Tableau and Excel to be presented in publications and at academic conferences.
- Conduct structured interviews of study participants and code their responses for key findings.

**Research Consultant** | Data Analysis and Reporting Writing & Presentation

Sep 2023 – Dec 2023

- Analyzed data using Excel for a local non-profit organization to reveal patterns, trends, and correlations regarding substance abuse in Lewis County, NY.
- Visualized key findings via graphs and tables. Presented a final 30-page report to the manager of the non-profit.

**Teaching Assistant**, Policy Studies Program, Syracuse, NY

Aug 2022 – Dec 2022

- Worked with the director of the policy studies program and a team of 19 TAs to facilitate class discussion, organize student activities via Zoom, and grade 10 student essays per month.
- Mentored a team of 9 undergraduate students to succeed in the course.
- Analyzed course documents and student data to constantly update and improve course materials leading to an improvement in both efficiency and clarity for students and TAs.

## PROJECTS

**Data Analyst** | Data Analysis and Reporting Writing & Presentation

Nov 2023 – Dec 2023

- Analyzed New York City, NY Car Crash data from the past 10 years in Python. Personal responsibilities were data cleaning, merging the initial dataset with NYC weather data, and collaboration on the production of a predictive model and map.
- Designed research proposal and project schedule including stakeholder analysis with a team of 5 peers.
- Presented analysis and findings in the form of visualizations including graphs and maps to professor and peers.

**Database Design** | Syracuse Women's Rowing Database

Aug 2022 – Dec 2022

- Designed an SQL database to house the data of the Syracuse Women's Rowing team to guarantee that coaching staff can efficiently access team statistics.
- Utilized Microsoft Visio to transform data tables into easy-to-read diagrams and ensure that SQL formatting was precisely followed.
- Developed a strong understanding of SQL skills and principles.

## LEADERSHIP EXPERIENCE

**Co-Chair of Community Outreach** | Student-Athlete Advisory Committee, Syracuse University

May 2022 – Present

- Engage with local organizations to schedule and plan 3 volunteer events per month.
- Communicate with over 70 student-athletes to ensure that events are well attended and that diverse populations within the Syracuse Community are reached.
- Lead a team of 13 student-athletes by hosting bi-weekly meetings and continually update advisors on committee progress.