

WORK EXPERIENCE

Data Analyst Intern, Paragon One & PWC, New York City, NY

June 2023 – Aug 2023

- Collaborated with PwC mentors and nonprofit leaders to identify trends in operational data using Python (Pandas) and Excel.
- Synthesized insights into a client-facing pitch deck that addressed stakeholder engagement challenges.
- Prototyped a donor messaging assistant using GPT APIs, exploring automation potential in nonprofit outreach.
- Practiced remote collaboration, data interpretation, and agile communication across time zones.

IT Consultant, Syracuse University, Syracuse, NY

Mar 2022 – July 2024

- Provided technical support to campus users, resolving software, hardware, and connectivity issues under time-sensitive conditions.
- Documented frequent issues in internal wikis and supported ticket triage using Atlassian-based tracking systems.
- Participated in pilot testing and system feedback cycles involving Cisco VPN, Azure sign-in, and remote support tools.
- Communicated solutions clearly to both technical and non-technical users, emphasizing user experience and service continuity.

Social Media Sales/Marketing Intern, Syracuse Cultural Workers, Syracuse

Sep 2022 – Dec 2022

- Designed and edited digital content using Adobe Illustrator and Meta Business Suite for artist promotion and community campaigns.
- Utilized Google Analytics to assess website and social media performance; helped interpret metrics during weekly strategy meetings.
- Managed post scheduling and campaign planning using HeyOrca; tracked task progress and outreach coordination in Monday.com.
- Participated in outreach strategy discussions to align content with community engagement goals.
- Maintained and updated website pages via WordPress, including light customization of back-end display features to support seasonal themes and promotions.

PROJECTS

The SOURCE: Undergraduate Research Assistant – Astro - Data Project

- Conducted anomaly classification and signal pattern recognition using real-world gravitational wave datasets from the LIGO project.
- Updated and maintained the Gravity Spy project wiki, helping users better understand scientific context and platform functionality.
- Participated in weekly team meetings to discuss platform design, community feedback, and volunteer engagement metrics.
- Developed an AI-driven system designed to detect discussion themes within communication channels and provide recommendations for improving user engagement and learning outcomes.

Pr0-Tech: Blockchain-Based Data Security and Privacy Startup - (Ongoing/In Development)

- Co-developing a blockchain-based platform for data privacy exploration and proof-of-concept demos.
- Researching security trends to inform product direction and technical integration of decentralized tools.

- Collaborating with peers to evaluate feasibility, user need, and market gaps in digital privacy solutions.

Mathematics Data Science Researcher, Syracuse University, Syracuse, NY

- Led literature reviews on student learning, justice, and geographic thinking to guide the development of analytical models.
- Applied TF-IDF and K-means clustering to identify thematic patterns across 100+ student narratives.
- Designed a transformer-based chatbot to respond to student FAQs, integrating insights from behavioral and sentiment analysis.
- Presented findings at departmental and national symposiums, and refined models based on faculty and peer feedback focused on research rigor and reproducibility.

Human-Robot Collaboration Researcher, Syracuse University, NY

- Conducted literature reviews on human-robot interaction (HRI) and teleoperation to inform research design and participant surveys.
- Maintained and repaired a college-developed robotic arm, including wiring, hardware troubleshooting, and adapting hand-tracking code for teleoperation.
- Facilitated lab sessions, coded participant behaviors in Excel, and implemented post-session surveys to evaluate user experience.
- Presented research findings to faculty and external stakeholders, contributing to protocol revisions and cross-team development efforts.

LEADERSHIP EXPERIENCE

Data Scientist Lead, NEXIS, Syracuse University

Led small-scale prototyping on data-driven environmental tools, particularly focused on wildfire risk visualization and modeling. Supported faculty-led research by helping design visuals and dashboards to communicate insights around climate vulnerability and resilience.

Student-Director of Diversity, Equity, and Inclusion, Residence Hall Association

Shaped DEI policy and events in residential life, focusing on sustainable and student-driven initiatives. Worked with Syracuse University clubs and organizations to expand reach and embed equity into campus housing culture.

Student Advisory Board Member, The Dean's Advisory Board, Syracuse University

Contributed to the launch and development of the Life Together initiative (university-wide) focused on civic dialogue and democratic engagement. Participated in cross-campus planning for community conversations and reviewed proposals supporting empathy-driven storytelling and inclusive advocacy.

EDUCATION

Syracuse University, School of Information Studies

May 2025

B.S. Applied Data Analytics

Minors in Information Technology, Design & Startups

Relevant Coursework: Data Mining | Application Programming for Information Systems | Front-End Development | Intro to Networks & Cloud | Database Management Systems | Information Management & Administration | Big Data Analytics | Information Visualization | Geographic Information Systems

TECHNOLOGY SKILLS/CERTIFICATIONS

Certification: Computer Programming at Le Moyne College

Programming Language: Python; R; HTML; CSS; Pyspark

Database Management: SQL

Applications: MS Excel, MS Word, MS PowerPoint, Adobe InDesign, Adobe Illustrator, Microsoft 365

Languages: English (Fluent) & Spanish (Fluent)