

Multidisciplinary data scientist with hands-on experience in research, AI, and emerging technologies. Proven success in leadership, technical projects, and social impact initiatives across industry, academia, and nonprofit sectors.

WORK EXPERIENCE

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

June 2023 – Aug 2023

- Collaborated with PwC mentors and The Educational Trust Fund to identify core operational challenges, improving stakeholder communication processes by 35%.
- Conducted data analysis using Python and Excel, generating actionable insights that led to a 20% increase in volunteer retention strategies.
- Presented findings in a client-facing pitch deck that received a satisfaction rating of 9.2/10 from nonprofit executives.
- Built an AI-assisted fundraising tool prototype using GPT APIs, showcasing how automation could streamline donor outreach by 40%.

Technology Consultant Supervisor, Syracuse University, Syracuse, NY

Mar 2022 – July 2024

- Managed a team of 15 consultants, improving average ticket resolution time by 25% and achieving a 95% satisfaction score from end users.
- Resolved over 500+ technical support cases, specializing in device connectivity, hardware repair workflows, and OS troubleshooting.
- Authored and maintained 30+ technical documentation guides, later used in campus-wide IT onboarding and training.
- Collaborated with campus IT leadership to roll out a service-level tracking system that reduced response delays by 18%.

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

Sep 2022 – Dec 2022

- Designed a 3-month Instagram campaign that increased follower engagement by 60% and drove a 30% uptick in online store sales.
- Helped launch an artist spotlight series that enhanced visibility of underrepresented creatives and increased event RSVPs by 40%.
- Produced 10+ branded digital flyers and 6 email marketing campaigns, boosting email click-through rates by 22%.
- Conducted competitor analysis and audience segmentation, identifying 3 new market opportunities that contributed to a 12% Q4 revenue boost.

PROJECTS

The SOURCE: Undergraduate Research Assistant – Astro - Data Project

- Led a project using GPT for weekly data analysis from Gravity Spy, improving gravitational-wave anomaly classification and data processing.
- Assisted in redesigning the Gravity Spy web interface, adding drag-and-drop features to streamline user interactions and ease navigation.
- Developed lazy loading techniques for the Gravity Spy website, optimizing load times and enhancing user experience.

Pr0-Tech: Blockchain-Based Data Security and Privacy Startup - (Ongoing/In Development) Aug 2022 – Present

- Continuing to develop and refine the Pr0-Tech suite of solutions, leveraging cutting-edge blockchain technology to enhance data security and privacy for users.
- Collaborating with a team of developers to build out the Pr0-Tech SaaS platform, ensuring that it is scalable, flexible, and cost-effective for businesses of all sizes.

- Conducting extensive market research and analysis to identify emerging trends and opportunities in the data security industry, in order to position Pr0-Tech as a leading provider of innovative solutions.

Mathematics Data Science Researcher, Syracuse University, Syracuse, NY

- Developed TF-IDF + K-means NLP models to cluster 100+ student narratives, uncovering 5 major themes around justice and geographic thinking.
- Prototyped a transformer-based chatbot to autonomously answer student questions, reducing staff workload by an estimated 35%.
- Performed longitudinal sentiment analysis on intervention data, revealing a 17% positive emotional shift over a semester.
- Co-authored research findings shared at two departmental symposiums, receiving strong peer review feedback on model design and reproducibility.

Human-Robot Collaboration Researcher, Syracuse University, NY

- Executed HRI (Human-Robot Interaction) experiments using robotic arm systems to measure user trust, accuracy, and response time.
- Developed observational coding schemes and real-time interaction protocols to capture qualitative and quantitative behavioral data.
- Analyzed the cognitive dynamics of collaborative tasks involving AI-driven robotic agents and human participants.

LEADERSHIP EXPERIENCE

Data Scientist Lead, NEXIS, Syracuse University

Directed interdisciplinary research on emerging technologies, leveraging design-thinking principles to drive innovation. Facilitated ideation sprints, developed low-fidelity prototypes, and led evaluation cycles to assess real-world applicability. Presented findings in team roundtables and contributed to long-term strategic planning for tech-focused problem-solving.

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

Served as a student advisor on a university-wide initiative aimed at fostering civic engagement and pluralistic dialogue. Contributed to planning sessions, refined outreach strategies, and ensured programming reflected the voices of diverse student communities. Advocated for equity-centered practices and helped shape interactive forums designed to bridge social divides.

Director of Diversity, Equity, and Inclusion, Residence Hall Association, Syracuse University

Led the development and execution of comprehensive DEI initiatives impacting student residential life. Facilitated training workshops, organized inclusive community events, and developed recruitment strategies for underrepresented groups. Built partnerships with local organizations to amplify impact and created a framework for sustainable DEI practices within the organization.

EDUCATION

Syracuse University, School of Information Studies

May 2025

B.S. Data Science

Minors in Computer Engineering, and IT, 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)