

EDUCATION

Boston University: College of Arts and Sciences; Boston, MA

Dec 2025

Bachelor of Arts in Data Science with Minor in Business and Administration

WORK EXPERIENCE

Mphasis; New York, NY

Jun 2025 – Aug 2025

M&A Intern

- Analyzed the IT services M&A landscape to identify new product opportunities and strategic acquisitions that would expand the company's service offerings.
- Contributed to strategic discussions across verticals, highlighting gaps and priorities that informed the long-term product roadmap and opportunities for value creation.
- Developed valuation models to assess product-related metrics, such as programming language complexity and productivity gains, to support deal analysis and post-acquisition integration.

BU Finance & Investment Club; Boston, MA

Feb 2025 – Present

Quantitative Senior

- Collaborated on a trading research project using Kalshi prediction markets, leading the initiative to improve the data collection system for the entire club.
- Engineered and deployed an automated Azure Function pipeline using Docker/Kubernetes to reliably collect daily data, improving data reliability and processing efficiency by 30%.
- Applied Python testing (pytest) and data validation (Pydantic) to build a robust system, ensuring the data product met the team's needs for accurate research.

Girls Who Code; Boston, MA

Sep 2024 – Dec 2024

Mentorship Program Facilitator

- Served as a Bits Facilitator in the Bits & Bytes Mentorship Program, a Girls Who Code BU initiative.
- Conducted weekly virtual coding workshops for grades 3–5, teaching Python, Scratch, and foundational computer science principles.

PROJECTS

Chatbot Customization

Sept 2025 – Present

- Developing a no-code chatbot platform to empower non-technical users to create and customize their own conversational AI assistants.
- Translating user needs into a defined MVP, including a front-end editor, an embeddable script, and a chatbot management system.
- Collaborating with a cross-functional team to build a scalable web application, gaining exposure to web application architecture and deployment best practices.

Thurmond Amendment Advocacy Campaign

Jan 2025 – Apr 2025

- Partnered with client Yusuf Dahl to support federal advocacy, creating a data-driven product to fight the Thurmond Amendment.
- Conducted in-depth analysis of Arkansas drug conviction data to uncover demographic disparities and socioeconomic effects, which informed the core "product" (policy summaries and visualizations).
- Designed and built dashboards using Python, SQL, and Google Looker to provide a effective tool for legal teams to use in court proceedings.

SAAF

Dec 2022 - Dec 2023

- Developed a user-centric iOS app to address critical water shortages in Rajasthan, India, by enabling NGOs to distribute water testing kits more efficiently.
- Conducted user research with partner NGOs to understand their field operations and needs, which informed the design of a user-friendly interface.
- Optimized backend performance using advanced data structures, increasing the speed of data uploads by 40% and ensuring a seamless experience for field workers.
- Led the project from conception to launch, resulting in the successful distribution of over 1,000 water testing kits in the first three months.

LEADERSHIP

Course Assistant, DS 320 – Algorithms for Data Science, Boston University

Sept 2025 –Present

- Supporting course delivery through office hours and discussion sections, assisting over 125 students.
- Mentoring students on a one-on-one basis to make complex topics more accessible and to help them with their coursework.

Project Manager, Spark! – Tools for Data Science (DS701), Boston University

Sept 2025 –Present

- Leading two cross-functional teams (10+ students total) in the delivery of data-driven products for external clients.
- Overseeing the full product development lifecycle, from translating complex client needs into project plans to guiding teams in the creation of data pipelines and interactive visualizations.
- Managing all client communication and feedback cycles, ensuring projects meet requirements and are delivered on time for organizations focused on media analysis and legislative transparency

CERTIFICATIONS

Building LLM Applications With Prompt Engineering – NVIDIA GTC 2025

Credential ID: g-2IIRd1RO6ZWcYuaAXLtA | Issued: Mar 2025

- Completed a hands-on workshop led by Mohammad Ali Raza on deploying real-world LLM-powered applications using LangChain, Llama 3.1, and NVIDIA's NIM. Covered chatbot development, document analysis, agentic AI tools, and structured output design.

SKILLS

Programming & Web Development: Python, Java, R, SQL, LangChain, Web Development | **Data & Analytics Tools:** Power BI, Tableau, Google Looker | **Cloud & DevOps:** Kubernetes, Docker | **Design & Productivity:** Canva, Adobe Photoshop, G-Suite | **Version Control:** Git