

Samantha Orciuoli

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EDUCATION

Rutgers University

Bachelor of Science, Computer Science

- Minor in Business Administration | GPA: 3.74 | Magna Cum Laude | Phi Beta Kappa | Dean's List | Women in CS Club

New Brunswick, NJ

May 2023

The University of Texas at Austin

Master of Science, Artificial Intelligence

- GPA: 3.65

Virtual

Expected Aug 2025

SKILLS AND CERTIFICATIONS

Technical Skills: Python, SQL, Javascript, CSS, HTML, Vercel, PostgreSQL, Git, Flask, Scikit-learn, TensorFlow, PyTorch

Certifications: Udacity: Machine Learning with TensorFlow, AI Programming with Python, Intermediate Python, Intro to Programming, Coursera: University of Michigan – Python for Everybody, Google: Intro to Git and GitHub

Relevant Coursework: Machine Learning, Data Science, Data Structures, Deep Learning, Statistics, Linear Algebra

PROFESSIONAL EXPERIENCE

Novartis

Data Architect & Mining Intern – Group Leader - Strategy & Operations Team

East Hanover, NJ

Jun 2024 – Aug 2024

- Supported company-wide data migration consisting of over 10 million datapoints across 15 end applications.
- Designed and built data architectures, naming conventions, and weekly sprints in critical data updates for an enterprise migration to new system.
- Built connectivity between core system data resulting in increased transparency across departments, limited redundant work, and improved site satisfaction.
- Spearheaded communication between interns and senior leadership, leading weekly intern meetings, facilitating one-on-one sessions with executives, and orchestrating department-wide events to foster collaboration and growth.

GitoQuest

Co-Founder / Application Developer

East Hanover, NJ

April 2022 – Current

- Assisted in developing GitoQuest's website using Vercel and Next.js, enhancing site performance and user experience.
- Directed productive weekly team meetings, delegated responsibilities to maximize productivity, and effectively managed personnel and external business relationships.
- Facilitated clear, strategic communication between 6 developers and 15 non-technical staff, ensuring alignment on technical projects, and enhancing overall project efficacy.

GitoTech

Technical Intern

East Hanover, NJ

Oct 2023 – March 2024

- Leveraged advanced technical expertise to implement dynamic marketing strategies, driving a remarkable 77.5% surge in user engagement within the initial three-month campaign period.

SportsCare Institute Inc

Business Systems Intern

East Hanover, NJ

Aug 2021 – Aug 2023

- Led a comprehensive overhaul of IT infrastructure across 70 facilities, including the installation of advanced phone systems and construction of new computers.

J.P. Morgan Software Engineering Virtual Experience

Virtual, Self-Paced

- Fixed broken code files in the repository to make web application output correctly.
- Utilized JPMorgan Chase's open-source library to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

PROJECTS

Software Sammy Portfolio Website

- Built my portfolio website using Javascript, Next.js, Vercel, Tailwind CSS, and Git.

Flower Species Image Classifier

- Used artificial intelligence to train an image classifier to recognize thousands of different species of flowers using Jupyter Notebook, PyTorch, Numpy, and Matplotlib.

ToDo List Full Stack Application

- Developed a dynamic web application that allows users to keep track of items on their to-do lists using PostgreSQL, SQLAlchemy ORM, Flask, Python, HTML, and CSS.