

Mark Fedio

markcfedio@gmail.com | 845-260-3180 | markfed.io | linkedin.com/in/markfedio

PROFESSIONAL OBJECTIVE

Personable and impact-oriented Computer Science major at Tufts University. Seeking to apply my skills and passions to challenging real-world opportunities in the rapidly evolving tech space.

SKILLS & PLATFORMS

Languages: Python, C++, C, Java, Swift, SQL, HTML, CSS, JavaScript, R

Libraries & Frameworks: LLMs, Pandas, Requests, OpenCV, PyMuPDF, OpenPyXL, Pybaseball

Tools & Databases: Git, REST APIs, VS Code, MongoDB, MySQL, Mixpanel, Azure DevOps, Salesforce, JSON, XML, CSV

Core Concepts: OOP, ETL Pipelines, Data Structures & Algorithms, Agile, Cloud Architecture, Profiling & Optimization

EDUCATION

Tufts University, Medford, MA

Bachelor of Science in Computer Science | Minor in AI Development | Graduate Certificate in Business

Class of 2028

GPA: 3.76

Relevant Coursework: CS 160: Algorithms, CS 40: Machine Structures, CS 15: Data Structures, CS 20: Web Programming, CS 131: Artificial Intelligence, CS 132: Computer Vision, CS 116: Security, EN1: Applications in Engineering.

Leadership & Extracurriculars: Roundnet Club (Captain), Participatory Budgeting (Advocate), Tufts NSDC, CS Exchange Club.

Brewster High School, Brewster, NY

Class Rank: Valedictorian | **GPA:** 102.798 | 1550 SAT score (770 English/780 Math)

Class of 2024

Relevant Coursework: AP Computer Science Principles (Perfect score: 1 of 459 out of 160,000+ global test-takers), AP Computer Science A (4), Intro to Python at Hudson Valley Community College (A).

WORK EXPERIENCE

Orange Bank & Trust Company, Middletown, NY

Data Analytics Intern

June 2026 - August 2026

- Engineered a Python ETL script to parse 100,000+ XML filings in under a minute, automating Salesforce CRM integration to successfully isolate net-new business leads.
- Architected automated data enrichment workflows by integrating external REST APIs, utilizing geodesic distance calculations for geographic lead routing and keyword-scoring models to accurately classify prospects.
- Deployed an autonomous Python script via Azure Function Apps to extract complex financial data from PDFs into structured Excel reports, saving 10 hours of manual work every month.
- Delivered multiple technical presentations to executive leadership, including a dedicated briefing to the CEO and CFO on the strategic integration of generative AI within departmental workflows.

Conquer Pickleball, New York City, NY

Software Development Intern

August 2025 - January 2026

- Led implementation and migration of core product analytics, consolidating existing manual tracking into Mixpanel using Swift/SDKs.
- Engineered complex analytical events to measure activity, retention, and payments across 1,000+ weekly users, providing real-time insight into the precise behaviors that drive product growth and conversion.
- Conducted rigorous quality assurance to confirm the validity of analytics and ensure strict handling of users' personal information.

Hudson Valley Credit Union, Poughkeepsie, NY

Business Associate Intern

July - August 2023

- Delivered presentation to senior staff around strategic improvements to company IT software.
- Partnered with department leaders to execute projects across Business Intelligence, IT, Real Estate, Marketing, and Accounting functions.

Cartwright Party Rentals, Patterson, NY

May - August 2025

Event Operations Associate

- Executed the delivery, assembly, and breakdown of major rental equipment for 20+ events per week.
- Worked with diverse teams across various environments, adapting to site-specific challenges to ensure safe and high-quality setup for every project.

Town of Southeast, Brewster, NY

Lifeguard

May 2022 - August 2024

- Oversee the town pool and the surrounding area to ensure the safety of the visitors.
- Enforce rules and regulations of the pool; apply skills required to become a Red Cross certified lifeguard.