tmille12@syr.edu

TREVOR MILLER

LinkedIn

EDUCATION

Syracuse University   Expected Graduation: December 2026
Bachelor of Science   **GPA: 3.741**
Major in Computer Science, Minors in Mathematics and Management
- Relevant Coursework: Data Structures, Analysis of Algorithms, Systems and Network Programming, Computer Organization & Programming Systems, Software Specification and Design
- Achievements: Success Scholars Award, Dean's List Fall 2023, Spring 2024, Fall 2024, and Spring 2025

North Reading High School, North Reading, MA   Graduated: June 2023
- Relevant Coursework: AP Computer Science Principles, AP Computer Science A, AP Calculus BC

TECHNICAL and ADDITIONAL SKILLS

- Programming Languages: Python, Java, JavaScript, C, Racket

PROJECTS

Spur - Social Event Coordination App   Winter 2025 - Present
- Designed a mobile app that helps students coordinate in-person social plans via intelligent activity generation, friend matching, and scheduling tools
- Led development of system architecture and documentation, including use case diagrams, activity diagrams, and functional/non-functional requirements using Visual Paradigm
- Defined technical stack (Swift, SQL, AWS, GooglePlaces API, Cheerio)
- Currently transitioning to implementation phase for full development and deployment on iOS

Spotify Listening Insights & Smart Playlist Generator   Summer 2025
- Developed a modular Python system that automates playlist creation using the Spotify API based on annual user streaming behavior.
- Parsed and cleaned over 100,000 streaming records, filtering out noise (e.g., skips, <10s plays) and computing meaningful metrics like total minutes listened per song.
- Batch-added relevant tracks to playlists via the Spotify API, handling rate limits and query inconsistencies, while structuring the project across separate scripts for data processing, refinement, and API integration.

WORK EXPERIENCE

Market Basket, Grocery/Ends Assistant, Chelmsford, MA   2019 – Present
- Manage front-end operations, including supervising the checkout and ensuring customer satisfaction.
- Assist in inventory management, ordering, and store organization, contributing to efficient operations.
- Demonstrated leadership by being entrusted with supervisory responsibilities on weekends.

Starbucks, Barista, Syracuse, NY   2023 – Winter 2024
- Provided excellent customer service while preparing beverages in a fast-paced environment.

LEADERSHIP & INVOLVEMENT

STEM Explorers, facilitator, Syracuse, NY   2023 – Present
Delta Upsilon, James Graham DU Emerging Leaders Program   January 2025
Delta Upsilon, Academic Excellence Chair, Syracuse NY   Fall 2024
DECA, North Reading High School   2021 – 2023
National Honor Society, North Reading High School   2021 – 2023
Haven from Hunger / Citizens Inn, Peabody, MA   2018 – 2020