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Decorated Cross Country and Track & Field captain, founder, and creative applying my drive and creative problem-solving skills toward a degree in Computer Science at Hamilton College, while actively developing and launching projects related to my interests.

Education

Hamilton College, Clinton, NY - *Bachelor of Arts*, May 2026

- Major: Computer Science
- GPA: 3.7/4.0

Experience

iOS Software Engineering Intern | Garmin International | May 2025 – Present

- Contributed over 1000 lines of code to a project critical for an upcoming release within the first weeks of my internship
- Work closely with senior developers to discover and address high-priority bugs

Summer Research Intern | MIT Lincoln Laboratory | May 2024 – December 2024

- Modernized a Java Server Faces application for field use by leveraging use-case driven methodology
- Prototyped new features to enable the Laboratory's expanding relationship with new clients
- Developed user-customizable interfaces to reduce future developer workload
- Presented research in a division-wide meeting for over 50 people

Founder & Lead Developer | Fanstand | September 2023 – Present

- Founded and market a company that provides student engagement and analytics services to colleges and universities
- Assembled and mentor a team of a dozen young developers while teaching Swift, Java, Git, and coding standards
- Head full-stack developer responsible for iOS app with over 600 users, web app, and Spring Boot back-end

Head Computer Science Teaching Assistant | Hamilton College | January 2023 – Present

- Manage and schedule dozens of student TAs, organize department events, and represent students at department meetings
- Mentor students in Python and C++ while holding office hours and attending labs

Software Development Intern | Rational Enterprise | May 2022 – August 2023

- Overhauled critical backend infrastructure for an application with thousands of users using Angular, Spring Boot, and MySQL
- Collaborated with a team using Agile product development and Jira ticketing to complete tasks efficiently
- Designed, implemented, and tested a new client onboarding feature, and an overhaul to the search page's user interface, streamlining user experience

Personal Projects

Senior Capstone Project | iOS | 2022

- Developed an iOS application for runners and coaches to organize training using the Vapor Framework, Xcode, and PostgreSQL
- Created a GPS algorithm to calculate and display distance travelled while filtering out bad data

Pride Watch Face | Garmin Connect | 2020

- Created and launched the first popular Garmin watch face celebrating LGBTQ+ pride with over 1500 downloads. Learned to support an evolving hardware ecosystem and optimize for a power-limited platform

Technical Skills

- **Backend:** Java, Spring Boot, Vapor, Python, C++, x86 Assembly, MonkeyC
- **Frontend:** Typescript, JavaScript, HTML, CSS, Angular, SwiftUI, React, Bootstrap, Material UI, Tailwind, Svelte, Java Server Faces
- **Databases:** PostgreSQL, MySQL, Firestore, CloudKit
- **Operating Systems:** MacOS, Windows, Linux
- **Tools:** Jira, Git, IntelliJ, Xcode, Visual Studio Code, PyCharm, Docker, Microsoft Exchange, Bash, GitLab, Gradle, Maven, Node.js, Android Studio

Selected Leadership & Awards

- 6-Time X-country, Track & Field Captain
- USTFCCCA All-Academic and All-Region honors
- Representative: Hamilton Athletics DEI Initiative
- Founder: Albany Academy LGBTQ+ Affinity Group