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Computer Science student, decorated XC captain with 4+ years of software development experience, including founding a successful student engagement platform with 600+ users and contributing to critical projects at Fortune 500 companies and research institutions.

Education

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

- Major: Computer Science – GPA: 3.7/4.0
- **Lead Researcher, Mochi Research Lab** – conducting HCI research in accessibility and user interfaces

Experience

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

- Promoted to Head TA with named scholarship for outstanding leadership and technical mentoring
- Manage 30+ student TAs: create schedules, resolve conflicts, represent student body in weekly faculty meetings
- Mentor students in Python and C++ through office hours and lab sessions

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

- Contributed to critical path development for major release, merging 1000+ lines of production code within first weeks
- Presented technical feature overview to key stakeholders, simplifying technical details for decision-makers
- Collaborated with senior engineers to identify and fix bugs affecting release timeline

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

- Modernized Java Server Faces application for field deployment using use-case driven methodology
- Prototyped client-facing features, enabling the Laboratory's expansion with new partners
- Presented research findings in a division-wide meeting for over 50 people

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

- Overhauled backend infrastructure for application with thousands of users using Angular, Spring Boot, and MySQL
- Designed and implemented new client onboarding feature and search page overhaul using Agile methodology

Personal Projects

Founder & Lead Developer | Fanstand | 2023

- Founded student engagement platform serving colleges with 600+ active users
- Led team of 12 developers, teaching Swift, Java, Git, and coding standards while managing product deployment
- Built and maintained iOS app, web application, and Spring Boot backend from concept to deployment

Senior Capstone Project | iOS | 2022

- Developed an iOS application for runners and coaches using the Vapor Framework, Xcode, and PostgreSQL
- Created 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 **1500+ downloads**
- Learned to support an evolving hardware ecosystem and optimize for a power-limited platform

Technical Skills

- **Languages:** Java, Python, C++, JavaScript/TypeScript, Swift, HTML, CSS, x86 Assembly, MonkeyC
- **Frameworks:** Spring Boot, Angular, React, SwiftUI, Vapor, Bootstrap, Material UI, Tailwind, Svelte, JSF
- **Databases:** PostgreSQL, MySQL, Firestore, CloudKit
- **Tools:** Git, Docker, Jira, Xcode, IntelliJ, Visual Studio Code, PyCharm, Bash, GitLab, Maven, Node.js, Android Studio, Gradle, Microsoft Exchange

Selected Leadership & Awards

- Rusty Smith Memorial Teaching Prize in Computer Science
- 7-Time Cross Country & Track & Field Captain
- USTFCCCA All-Academic and All-Region honors
- Representative: Hamilton Athletics DEI
- Founder: LGBTQ+ Affinity Group
- Albany Academy Declamation Prize
- Colonial Council Athletic Director's Award