

Albany, NY | 518 – 937 – 4641 | jsimeone@hamilton.edu | simeone.dev

Decorated X-country and Track & Field captain, 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.

Hamilton College, Clinton, NY - *Bachelor of Arts, May 2026* - Major: Computer Science

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

Experience

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

- Modernized a Java Server Faces application for field use by leveraging use-case driven methodology. (Java, HTML, PostgreSQL)
- Prototyped new features to enable my organization's expanding relationship with new clients.
- Developed user-customizable interfaces to reduce future developer workload.
- Presented my research in a division-wide meeting for over fifty people.
- Obtained Department of Defense Secret Level Clearance.

Founder & Lead Developer | Fanstand | September 2023 – Present

- Founded and marketed a company that provides student engagement and analytics services to colleges and universities.
- 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 500 users, web app, and Spring Boot back-end. (Java, JavaScript, PostgreSQL, Spring Boot, Docker, React)

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

- Mentor students in Python and C++ while holding office hours and attending labs.

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

- Overhauled critical backend infrastructure for a web application with thousands of users using Angular, Spring Boot, and MySQL. (Java, Typescript, HTML, CSS, SQL)
- 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. (Swift)
- Created a GPS algorithm to calculate and display distance travelled while filtering out bad data.

School Sign-Out System | iOS (2021)

- Built an application to facilitate and track student sign-outs, including a searchable database and automated notifications sent to student advisors. (Swift, Python, CloudKit)

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. (Monkey C)

Leadership & Awards

- 6-Time X-country, Track & Field Captain
- USTFCCCA All-Academic and All-Region honors
- Colonial Council Sportsmanship Award
- Representative: Hamilton Athletics DEI Initiative
- Hamilton Student-Athlete Advisory Committee
- Founder: Albany Academy LGBTQ+ Affinity Group