

Nicholas Stathos

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Education

Northeastern University (September 2024 - May 2028) — Boston, MA

Bachelor of Science in Computer Science & Economics

GPA: 3.729 | Dean's List

Skills

- **Programming & Development:** Flask Web Development, API Development, Version Control (git), iOS Development, Data Analysis
- **Technical Tools:** Python, Flask, Java, SQL, Excel, Pandas, Numpy, Swift, AWS EC2, HTML, CSS

Projects

DeepMusic (Python, SwiftUI)

- Created a DeepSeek wrapper utilizing Openrouter's API service that generates Spotify playlists based on categorical inputs like genre, mood, and playlist length.
- Published project on GitHub to be used freely as a tool for generating soundtracks for any occasion.

PottyPath (Python Flask, SQLite, SwiftUI)

- Developed an app using Firebase, Python Flask and SwiftUI that allows the user to find restrooms in their area.
- Backended the application with a Flask web server and utilized Firebase for user authentication.

PriceMetR (Python Flask, SQLite, HTML/CSS)

- Built a price comparison shopping website using Python Flask, SQLAlchemy and SQLite that aggregated products, Youtube reviews of these products, and reviews from across the internet into one convenient webpage.

Experience

Tightrope Interactive, Inc. — Beacon, NY

Software Engineering Intern Jun 2025 – Aug 2025 | On-site

- Redesigned flagship weather app radar interface using SwiftUI, updates pushed represented a key component of company Q3 OKR and are live on SKAI weather app with 20k+ monthly downloads.
- Scrapped dozens of pages of external resources to create a webcam database using Python, deployed in the same product.

Software Engineering Intern May 2024 – Jun 2024 | On-site

- Prototyped a product idea pertaining to the takeout food business for company executives using SwiftUI.
- Built a REST API using Python Flask to serve this prototype.
- Designed a complementary culinary software product idea to accompany the prototype.
- Performed QA tasks on existing company products, including mobile apps and chrome extensions.

Chelsea Yacht Club — Chelsea, NY

US Sailing Level 1 Instructor Jun-Aug 2022 – 2024 | Seasonal

- Taught youth sailing courses; developed leadership and communication skills.
- Promoted safety and teamwork on and off the water, managing complex machinery and precious campers.

Academic Awards

Xerox Award for Innovation and Information Technology (June 2023) University of Rochester - Awarded for outstanding achievement in technological innovation, demonstrated by self-studying AP Computer Science A, developing a bathroom indexing web/mobile app, an AP Statistics project script, and a price comparison shopping engine.

Computing Award (June 2023) Rochester Institute of Technology - Recognized for significant extracurricular computing projects, including self-studying AP Computer Science A, developing an AP Statistics project script, and creating a comparison shopping engine.