

DANIEL VESGA

Boston, MA ♦ Tenaflly, NJ | Available: January - August 2026
vesga.d@northeastern.edu | (201) 658-2888 | <https://danvesga.github.io/aboutme/>

EDUCATION

Northeastern University

Boston, MA

Candidate for B.S. in Computer Science and Design

Expected Graduation: April 2027

Relevant Coursework: AI, Cybersecurity, OOP, Data Science, Data Structures, UX Design

Current GPA: 3.88/4.0

Awards/Scholarships: National Merit Corporate, NEU Dean's List, Dean's Scholarship, Spanish Seal of Biliteracy (Fluent)

SKILLS

Languages/Frameworks: JavaScript, TypeScript, React, Java, Python, PyTorch, Tensorflow, Gymnasium, HTML, CSS, Node, Linux, Racket, GraphQL

Programs: Adobe Suite (Ps, Ai, Ae, Id, Pr), Figma, Microsoft Azure, Excel, IntelliJ, VS Code, Eclipse, Cursor, Git, Postman

EXPERIENCE

Wayfair: Spring Semester Co-op

Boston, MA

Software Engineer: Physical Retail Tech Team

January - June 2025

- Collaborated on a team of 20 engineers, writing updates and performing QA on a new Point of Sale system
- Developed a React interface for physical retail managers to access and reconfigure store metadata in Wayfair's database through a GraphQL API implementation, while beta testing new AI environment tools (Cursor, Windsurf, CoPilot).
- Participated in onboarding associates at the onsite launch of the POS at the original Wayfair store in Chicago.

Generate: Student-led Software Development Club

Boston, MA

Software Designer

August 2024 - Present

- Selected for a competitive team to develop a social music reviewing app with a relational database of song/album data.
- Collaborated with 15 developers in an agile environment on making an enticing and social feed page for a food reviewing platform, with engagement metrics for restaurants to gauge the popularity of their dishes.
- Architected user journeys, a site map, user profiles, brand identity, and a fully functioning prototype through Figma.

Northeastern: Summer UI/UX Design Program

Boston, MA ♦ Seattle, WA

Lead Designer/ Developer

March - August 2024

- Designed a ticketing system for Radien, a software startup that facilitates handoffs between designers and SW engineers.
- Led 5 user interviews with industry engineers and incorporated feedback, ensuring UX aligned with end-user needs.
- Created an interface for Boston's Public Transportation system with live train mapping, alerts, and mobile payments.

DeltaVision: Custom Art/Design Business

Tenaflly, NJ

Founder/ Creator

September 2018 - Present

- Launched a creative enterprise focusing on personalized phone cases, stickers, and album covers.
- Engaged with clients to ensure their ideas were accurately transformed into tangible, high-quality design products, demonstrating strong client communication and design skills.

PROJECTS

AI Computer Vision Web Application

Boston, MA

Full Stack Developer

November 2024

- Devised and collaborated on an app to recognize submitted images, JSON data, or drawn shapes for a Hackathon.
- Created Node JS backend to call Microsoft Azure Custom Vision Model trained on a dataset of 90,000 images.

Object-Oriented Web Applications

Tenaflly, NJ ♦ Seattle, WA

Full Stack Developer

June 2023 - October 2024

- Developed Java applications for games with object-oriented design principles and model-view-controller layouts.
- Developed an Anagram web-application word game with Python backend and an HTML and CSS frontend.
- Proved rapid skill acquisition in web development and problem-solving by creating dynamic, interactive interfaces.