

Steven Arbo

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EDUCATION

University of Massachusetts Amherst 2021 - 2025
Manning College of Information and Computer Sciences
B.S in Computer Science, Minor in Mathematics
• GPA: 3.9 || Dean's List All Semesters

Relevant Coursework

-Programming with Data Structures -Introduction to Algorithms -Artificial Intelligence
-Algorithms for Data Science -Scalable Web Systems -Data Management

PROJECTS

Hooper - Basketball Stat Tracker 2025
• Developed a full-stack web app for users to log basketball stats and track performance over time with an interactive React + Vite frontend, FastAPI backend for fetching data, and Clerk authentication
• Integrated OpenAI API to generate personalized NBA player comparisons based on user data and dockerized frontend and backend for portability and easy deployment

HealthAutomation – CI/CD Log Analysis Pipeline 2025
• Built a Python-based service health simulator and log analysis tool with automated metrics reporting
• Designed a GitHub Actions CI pipeline to simulate logs, run analysis scripts, and verify results via pytest

WORK EXPERIENCE

Go See The City Remote
Data Analyst Intern Sep - Dec 2024
• Responsible for processing and displaying data in order to best demonstrate the positive impact of the platform, which helps stadiums divert food surplus
• Developed a case study for future clients, news reporters, schools, and other organizations using Python libraries such as Numpy, Pandas, and Matplotlib to analyze and graph data

Freelance Amherst, MA
Landscaper Apr - May 2024 and 2025
• Helped families in the Amherst area with yard work and landscaping

Emack & Bolio's Boston, MA
Ice Cream Server Jun - Aug 2023 and 2024
• Responsible for opening and closing, serving customers, working cash register, cleaning

TECHNICAL SKILLS

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- **Languages:** Python, Java, Javascript/Typescript, SQL, HTML, CSS
 - **Tools:** VSCode, Git, Docker, React, Next.js, Node.js, FastAPI, Tailwind, Pandas, PostgreSQL
 - **Skills:** Full-Stack Development, Agile, Statistics, Data Analysis, Object Oriented Programming

VOLUNTEER WORK

Verizon Mr. Roboto CSR Event Amherst, MA
• Built stem robots with a team of like-minded individuals for the Black Girls Code organization