

# Victor Verma

vpverm@bu.edu | (617)-838-4092 | LinkedIn: [victor-verma-91713022b](#) | GitHub: [victorverma3](#)

## EDUCATION

### Boston University

B.A. in Mathematics and Computer Science, Minor in Data Science

Boston, Massachusetts

Expected Graduation, May 2025

- **GPA:** 3.83/4.00
- **Honors:** Dean's List, Undergraduate Research Opportunities Program Student Research Award
- **Related Coursework:** Algorithms, Combinatoric Structures, Computer Systems, Concepts of Programming Languages, Probability in Computing, Software Engineering, Introduction to Machine Learning and AI, Applied Abstract Algebra, Differential Equations, Linear Algebra, Multivariate Calculus, and Probability.

## EXPERIENCE

### Boston University

Undergraduate Research Assistant

Boston, Massachusetts

Jan 2023 – Present

- Designed Python software using the Google Search API, BeautifulSoup, the ChatGPT API to collect and filter biodata for 150,000 U.S. state legislator candidates from 600,000 web pages.
- Cleaned and organized the data with the pandas and json libraries.
- Increased data collection efficiency by 16x by implementing multithreading, rate limiting, and error handling.

### Boston University

Computer Assistant/Programmer

Boston, Massachusetts

Sep 2021 – Present

- Coordinated with professors, students, and team members at the Questrom Open Access Lab to swiftly brainstorm effective solutions to technology challenges in classroom settings.
- Demonstrated proficiency in Salesforce Lightning by successfully completing 20 Salesforce Trailhead Modules, gaining valuable experience in the platform.

## PROJECTS

### StatSense AI

Nov 2023 – Present

- Implemented LSTM and Simple RNN models to predict weekly NFL statistics for QBs, RBs, WRs, and TEs using their season statistics in time series, with up to a 75% success rate against player props set by sportsbooks.

### Portfolio

May 2023 – Present

- Created a portfolio website with the MERN stack using TypeScript and Bootstrap and deployed on Vercel.

### Nutrisistant

Oct 2023 – Dec 2023

- Collaborated with 4 teammates to build a MERN stack web app allowing users to get nutritional information and recipe suggestions from ingredients, create accounts with Google OAuth, and retrieve account search history.

## ACTIVITIES AND LEADERSHIP

### Kappa Theta Pi - Lambda Chapter

App Committee Head

Boston, Massachusetts

Sep 2023 – Present

- Directed a 9-member team in conceptualizing, designing, and developing a Kappa Theta Pi Database website.
- Mentored fellow members in full-stack development, offering support and providing resources to promote knowledge sharing and skill development within the organization.

### Boston University Barbell Club

Member

Boston, Massachusetts

Sep 2022 – Present

## SKILLS

**Programming:** Python, HTML/CSS, JavaScript/TypeScript, React.js, Node.js, MongoDB.

**Technical:** Algorithms, Data Structures, Machine Learning, Object-Oriented Programming, REST APIs, Web Development, Web Scraping.

**Tools:** Visual Studio, Jupyter Notebooks, Git, Bootstrap.