

Victor Verma

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EDUCATION

Boston University

B.A. in Mathematics and Computer Science

Boston, Massachusetts

Expected Graduation, May 2025

- **Minor:** Data Science
- **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, and the ChatGPT API to collect 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 and effectively brainstorm solutions to technology challenges in dynamic classroom settings.
- Demonstrated proficiency in Salesforce Lightning by successfully completing Salesforce Trailhead Modules, gaining valuable experience in the platform.

PROJECTS

Portfolio

May 2023 – Present

- Created a portfolio website with the MERN stack using TypeScript and Bootstrap.
- Deployed on Vercel and periodically receives maintenance and improvements.

SportsNews

Mar 2023 – May 2023

- Developed a Python script for real-time news retrieval for 6 sports, automating data scraping, headline formatting, and newsletter creation.
- Utilized HTML and CSS to design user-friendly email newsletters.
- Deployed the solution on Heroku, enabling the scheduled delivery of newsletters to sport-specific mailing lists at 9:00 a.m. EST daily.

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 applications within Kappa Theta Pi.
- Mentored members in full-stack development, offering support and 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, Express.js, Node.js, MongoDB

Technical: Algorithms, Data Structures, Web Development, Web Scraping

Tools: Visual Studio, Jupyter Notebooks, Git, Bootstrap