Victor Verma

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Education

Mathematics and Computer Science, Data Science Minor, *Boston University* Sep 2021 – May 2025
- 3.83 GPA. Boston, United States
- Kappa Theta Pi - Lambda Chapter.
- Boston University Barbell Club.

Professional Experience

App Committee Head, *Kappa Theta Pi - Lambda Chapter* Sep 2023 – Present
- Directed a 9-member team in conceptualizing, designing, and developing Boston, United States
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.

Undergraduate Research Assistant, *Boston University* Jan 2023 – Present
- Designed Python software using the Google Search API, Beautiful Soup, and the Boston, United States
ChatGPT API to collect biodata for 150,000 U.S. state legislator candidates.
- Cleaned and organized the data with the pandas and json libraries.
- Increased data collection efficiency by 16x through the implementation of
multithreading, rate limiting, and error handling.

Computer Assistant/Programmer, *Boston University* Sep 2021 – Present
- Collaborated with professors, students, and team members at the Questrom Boston, United States
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.

Skills

Technical Skills *(Python, HTML/CSS, JavaScript/TypeScript, React.js, Express.js, Node.js, MongoDB, Pandas, Beautiful Soup, APIs, Web Scraping, Object-Oriented Programming, Data Structures, Algorithm Analysis and Design)*

Soft Skills *(Communication, Teamwork, Organization, Leadership, Problem-Solving, Critical Thinking)*

Projects

Portfolio Website ⬈ May 2023 – Oct 2023
- Created a portfolio website with the MERN stack using TypeScript and Bootstrap.
- Deployed using 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.

Awards

College of Arts and Sciences Dean's List, *Kerry A. Buglio*
- Awarded Spring 2023, Fall 2022, Spring 2022, and Fall 2021.
- Awarded to students in the College of Arts and Sciences who earned at least 15 academic credits and had a
semester GPI of 3.5 or higher.

Languages

- English
- French
- Hindi