

Bruno Cassani

Computer Scientist and Mathematician

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PROFILE

Aspiring software engineer with a strong foundation as a computer scientist, supplemented by an extensive education in mathematics that gives me a unique lens when problem-solving in any kind of project. Seeking to leverage technical skills in an internship role in software engineering.

EDUCATION

Boston College

Mathematics and Computer Science double major, with a Data Science minor. 3.74 GPA.

Expected graduation: May 2027

Chestnut Hill, MA

PROGRAMMING EXPERIENCE

(Upcoming) *Data Automation Intern*

Springer Capital

Work with Microsoft Power Automate, Excel, R, for data analysis and research in real estate, as well as capital and asset management.

Summer 2025

Remote

Full Stack Developer

BullSight Archery (personal project)

Solo developer of an iOS app, as well as its companion website, that creates a simple alternative for sight tape creation in compound bows. Manage the entire development lifecycle, starting at conceptualization. Ensure data security and privacy compliance. Expected release in July 2025.

Summer 2024 – present

Rosemont, PA

Controls Engineering Intern

CAST Environmental LLC

Programmed Industrial grade PLCs for Hydrogen Sulfide Treatment in a Gas Monitoring Project with Ladder logic. Conducted systems analysis and testing while working with cross-functional teams. Documented technical processes

Fall 2022 – Summer 2023

Conshohocken, PA

EXTRACURRICULARS

Mathematics Society

Engage in discussions with students and staff on various mathematical topics and explore related job opportunities. Provide tutoring for lower-level mathematics courses. Organize and present at Math4All conference.

Fall 2023 – present

Computer Science Society

Learn team-building, coding under pressure, and FullStack skills used in hackathons such as 'Hack the Heights.' Participate in various workshops on advanced algorithms and emerging technologies.

Fall 2023 – present

Machine Intelligence Group

Meet and discuss current-day Machine Learning news and new practices, often ones beyond what is taught in class. Create hands-on projects to support learning.

Fall 2024 – present

Volunteer

Accumulated over 60 hours of service in tutoring, summer camp work, and various one-time on-campus activities.

Fall 2021 – present

SPECIAL SKILLS

Programming languages: Java, Python, Swift, JavaScript, C, R.

Markup languages: HTML, CSS, LaTeX, Markdown.

Other tools: GitHub, Excel, Figma, Power Automate.

Mathematical proficiency: Abstract Mathematics, Linear Algebra, Multivariable Calculus.

Spoken Languages: English (native), Spanish (native), Portuguese (working proficiency).