# 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 and in an internship role in software engineering.

## EDUCATION
*Expected graduation: May 2027*

*Boston College*                                                                                           *Chestnut Hill, MA*

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

## PROGRAMMING EXPERIENCE

(Upcoming) *Data Automation Intern*                                                        *Summer 2025*

*Springer Capital*                                                                                          *Remote*

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

*Full Stack Developer*                                                                               *Summer 2024 – present*

*BullSight Archery* (personal project)                                                        *Rosemont, PA*

    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.

*Controls Engineering Intern*                                                                  *Fall 2022 – Summer 2023*

*CAST Environmental LLC*                                                                         *Conshohocken, PA*

    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

## EXTRACURRICULARS

*Mathematics Society*                                                                            *Fall 2023 – present*

    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.

*Computer Science Society*                                                                   *Fall 2023 – present*

    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.

*Machine Intelligence Group*                                                               *Fall 2024 – present*

    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.

*Volunteer*                                                                                            *Fall 2021 – present*

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

## 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).