

# Bruno Cassani

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## SUMMARY

Aspiring software engineer with a strong foundation in mathematics combined with the technical skills of a computer scientist. Seeking to leverage analytical skills and in an internship role in the field of software engineering and machine learning.

## EDUCATION

*Boston College*

Mathematics and Computer Science double major with a 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*

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*

## EXTRACURRICULAR ACTIVITIES

*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 80 hours of service in campus event organization, summer camp work, and various one-time activities.

*Fall 2020 – present*

## SPECIAL SKILLS

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

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

Markup languages: HTML, CSS, LaTeX, Markdown.

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

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

References available upon request