Bruno Cassani

Computer Scientist and Mathematician

Bryn Mawr, PA. | (215) 807-9723 | brunocassani04@gmail.com | www.linkedin.com/brunocassani

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. 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).