

Eva Butler

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EDUCATION

University of Virginia - Charlottesville, VA
Bachelor's of Science

August 2022 - May 2026

- Major: Computer Science | Minor: Data Science | Cumulative GPA: 3.817/4.0
- Relevant Coursework: Data Structures and Algorithms 1 and 2 | Computer Systems and Organization 1 and 2 | Software Development Essentials | Data Design 2: Interactive App | Discrete Math and Theory 1

CET Study Abroad Programs - Siena, Italy
Summer Session

May 2023 - August 2023

- Italian Language, Italian Cultural History, Sienese Art and Architecture History | Cumulative GPA: 4.0/4.0

The Potomac School - McLean, VA
High School Diploma

September 2018 - May 2022

- Member of the Science Engineering Resource Center (SERC Program) | Cumulative GPA: 3.9/4.0
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EXPERIENCE

Consulting Micro-Intern, Foods of All Nations - Charlottesville, Virginia

May 2024 - June 2024

- Conducted client meetings to gather and analyze project requirements, aligning with business objectives
- Developed a comprehensive 22-page report and presentation, including mockups, proposing an implementation of a new POS system enhance inventory management and integrate online delivery services such as Uber Eats
- Recommended a social media strategy to boost visibility and engagement utilizing analytics for targeted marketing

Packager and Sewer, Composition Systems Incorporated - Fairfax, Virginia

June 2022 - August 2022

- Learned to collaborate with dozens of coworkers to solve supply problems and manage inventory
- Constructed and packaged hundreds of signs, posters, and banners

Volunteer Researcher, MedStar Health Research Institute - McLean, Virginia

January 2021 - April 2022

- Collaborated with a faculty physician to conceive and execute a multi-year academic project, participating in biweekly meetings with director of orthopedics and sports medicine research
 - Cleaned, merged, and analyzed large data sets of patient visits with Python and the Pandas package
 - Completed GCP training through the CITI program to further understand significance of ethical research principles to handle tens of thousands of patients' personal data
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PROJECTS

GitHub Portfolio

- Explore my [GitHub](#) portfolio page to view a collection of projects and micro-projects, showcasing skills in data analysis, machine learning, and software development

Software Development Essentials, University of Virginia

Fall 2023

- Applied software design principles in collaborative development employing GitHub for VC and JUnit for testing
 - Developed a JavaFX Course Reviews Application with user log in management and three internal tabs, while building and extracting data from databases using JSON and MySQL, enhancing UI/UX design skills
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TECHNICAL SKILLS

- Programming Languages: Java, Python, C, MATLAB
 - Microsoft Excel, Microsoft PowerPoint, Microsoft Word
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EXTRACURRICULARS

- Member of the Chi Omega Sorority Spring 2022 - Present
- Member of the Theta Tau Professional Engineering Fraternity Spring 2023 - Present
- High School Varsity Softball Captain and The Washington Post's All-Met First Team Shortstop Spring 2022