

Permanent Address:
Spotsylvania, VA

Brian Baugher
(540) 940-9807 | bdb7hq@virginia.edu | GitHub: brian-baugher
US Citizen | Eagle Scout

Current Address:
Charlottesville, VA

Education

University of Virginia, Charlottesville, VA
Candidate for Bachelor of Arts in Computer Science

August 2021 - May 2025

- 4.0 in-major GPA
- 3.95 cumulative GPA

Riverbend High School, Spotsylvania, VA

August 2016 - May 2020

Relevant Coursework

Fall 2023: Advanced Software Development Methods, Advanced Computer Systems and Organization
Second Year: Software Development Essentials, Advanced Algorithms, Computer Systems and Organization, Discrete Math
First Year: Data Structures and Algorithm Design, Introduction to Programming

Technical Skills

Languages: Javascript, Java, Python, C, HTML, CSS, x86-64 Assembly, LaTeX
Technologies: React, Recoil, Git, Gradle, npm, SQL

Work Experience

Mathesis Technology, Charlottesville, VA
Full Stack Web Development Intern

May 2023 - Present

- Impacted high-level design decisions in fast-paced, agile based, startup environment
- Leverage React.js to build dynamic front-end with libraries such as Cytoscape.js, Recoil, and React-Router
- Collaborate with C-suite executives to develop full-stack prototype in effort to secure investment funds

University of Virginia, Charlottesville, VA
Undergraduate Teaching Assistant - Lab Lead

January 2023 - May 2023

- Course: CS 2130 - Computer Systems and Organization 1 (C/Assembly/Git)
- Facilitate weekly labs of 85 students and promote success in solving complex problems; Cooperate with other TAs to grade work of 500 students weekly; Hold weekly office hours for students seeking extra help on homework, labs, and any course concepts

Self Employed, Spotsylvania, Virginia
Computer Parts Resale

May 2021 - August 2022

- Garnered upwards of 5000 USD in revenue while being the sole contributor; handled inventory, distribution, and sales; achieved high customer ratings on all storefronts while still fulfilling role at Wilderness Presidential Resort

Wilderness Presidential Resort, Spotsylvania, VA
Adventure Course Manager (2021- 2022)

May 2018 - August 2022

- Created a healthy work environment in collaboration with 3 other department heads for 15 employees while managing scheduling and training; ensured workplace safety in a high stakes position and held equipment and staff to industry standard

Projects

2023 BitCamp Hackathon - Django Application, College Park, MD
Developer

April 2023

- Built Django application using a distributed, serverless database system, CockroachDB, to handle all user data securely and efficiently
- Crafted front-end using primarily Bootstrap HTML for a full-featured dynamic website. Leveraged Auth0 to allow users to log in and access personal information/tasks - includes working friends system

Chi Psi Fraternity, Charlottesville, VA
Philanthropy Chair

October 2022

- Design and execute a large philanthropy event open to the public, bringing in 2000 USD to prevent hazing