

Brian Baugher

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US Citizen | Eagle Scout

Education

University of Virginia, Charlottesville, VA

August 2021 - May 2025

Bachelor of Arts in Computer Science, Minor in History

- 4.0 in-major GPA
- 3.95 cumulative GPA

Riverbend High School, Spotsylvania, VA

August 2016 - May 2020

Technical Skills

Languages: Java, Javascript, Python, C, Golang, HTML, CSS, x86-64 Assembly, LaTeX, SQL

Technologies: React, React-Query, gRPC, Jira, Git, build systems, package managers, component libraries

Work Experience

Yext, Washington, DC

May 2024 - August 2024

Software Engineering Intern

- Created all-new Yext Pages website drag-and-drop editor, closing multi-million dollar contract
- Shipped full stack features, leveraging custom React component libraries, Golang HTTP handling, and gRPC servers
- Collaborated with PM, UX lead, and three 10-person teams, crushed high-impact user stories mocked via Figma
- Spearheaded rework of data handling between iFrame/parent via postMessage, enabling team's future development

Mathesis Technology, Charlottesville, VA

May 2023 - September 2023

Full Stack Web Development Intern

- Developed math learning web application, piloted in select UVA classes, serving over 100 students
- Leveraged React.js to forge dynamic front-end with libraries such as Cytoscape.js, Recoil, and React-Router
- Impacted high-level design decisions in fast-paced, agile based, startup environment

University of Virginia, Charlottesville, VA

January 2023 - May 2024

Undergraduate Teaching Assistant (Spring 2024)

- Course: CS 3140 - Software Engineering (Django)
- Led 2 teams of 6 students throughout the semester as a product manager in an agile framework. Assisted students with technical and team-related issues 4 hours each week. Graded 400+ questions on SWE methods.

Undergraduate Teaching Assistant - Lab Lead (Spring 2023)

- Course: CS 2130 - Computer Systems and Organization 1 (C/Assembly/Git)
- Facilitated weekly labs of 85 students and promoted success in complex problems; Cooperated with other TAs to grade work of 500 students weekly; Held weekly office hours to help students on homework, labs, and concepts

Projects

Jefferson Consulting Group - SvelteKit Website

July 2023 - Present

- Develop website for corporate-backed consulting group at UVA with SvelteKit and TypeScript, hosted on Netlify with GitHub integration for CI/CD workflow. Emphasis on best practices and mobile compatibility throughout

2023 BitCamp Hackathon - Django Application

April 2023

- Built Django application as first web dev project in under 36 hours with team of 3. Uses 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 friends system with live feed updates

Relevant Coursework

Fall 2024: Internet Scale Applications, Cybersecurity Fundamentals

Third Year: Software Engineering, Advanced Computer Systems and Organization, Cryptocurrency, Theory of Computation

Second Year: Software Development Essentials, Advanced Algorithms, Computer Systems and Organization, Discrete Math

First Year: Data Structures and Algorithm Design, Introduction to Programming