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

Work Experience

Yext, Washington, DC   **May 2024 - August 2024**
Software Engineer Intern
- Spearheaded rework of React front-end, creating and documenting new open source library and custom components, enabled completion of 8+ client-requested features demoed company-wide, and to external stakeholders
- Collaborated with PM, UX lead, and three 10-person teams to deliver production Go and Typescript code for enterprise clients, resulting in an August alpha release of the new Yext Visual Editor product
- Revamped Go GitHub web-hook event handler and Kafka consumer to resolve 12+ Sentry errors in live services

University of Virginia, Charlottesville, VA   **January 2024 - May 2024**
Undergraduate Teaching Assistant
- Course: CS 3140 - Software Engineering (Django)
- Led 2 teams of 6 students throughout 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

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 to forge dynamic front-end with libraries such as Cytoscape.js, Recoil, and React-Router
- Impacted high-level design decisions alongside company founder in fast-paced, agile based, startup environment

University of Virginia, Charlottesville, VA   **January 2023 - May 2023**
Undergraduate Teaching Assistant - Lab Lead
- 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

Technical Skills

- Languages: Java, Typescript, Golang, C, Python, SQL, HTML, CSS, x86-64 Assembly
- Tools and Technologies: React, Django, gRPC, Jira, Git, npm, Bazel, Chakra, Saas UI, Kafka, Nomad, Gerrit, GCP

Projects

Jefferson Consulting Group - SvelteKit Website   **July 2023 - September 2023**
- 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 CockroachDB, Auth0, and Bootstrap for core full-stack functionality. Reviewed with high praise from panel of judges

Leadership & Service

Chi Psi Fraternity, Charlottesville, VA   **August 2022 - Present**
Philanthropy Chair
- Organized and executed large philanthropy event, bringing in over 5000 dollars for the Gordie center to prevent hazing and alcohol abuse - kickstarted annual tradition highlighted at the Gordie center reception
- Led philanthropy committee in collaboration with executive board, overseeing group of 65 students to accrue over 200 collective service hours in first semester as the chairman