

Jason Cavanaugh

☎ 301-832-7589 | ✉ jason.p.cavanaugh@gmail.com | 🏠 Website | 🐙 GitHub | 🔗 LinkedIn

Education

University of Maryland, College Park

B.S. IN COMPUTER SCIENCE

- 2019 - 2022 Dean's List
- Coursework: Object Oriented Programming I & II, Computer Systems, Discrete Mathematics, Programming Languages, Data Structures, Data Science, Algorithms I & II, Linear Algebra, Multivariable Calculus

2019 - 2023

GPA: 3.86/4.0

Work Experience

Appian Corporation

SOFTWARE ENGINEER INTERN

June 2022 - Present

Tysons, VA

Orbit Logic

SOFTWARE DEVELOPER INTERN

June 2021 - June 2022

Greenbelt, MD (remote)

- Developed scheduling software for space systems with **React**, **Redux**, **C#**, and **PostgreSQL**
- Redesigned application landing page by writing front-end components to display recently opened, favorite, or all schedules
- Improved page load times by 50% by implementing paginated API
- Led team meetings on design and implementation of front-end and back-end features
- Wrote front-end tests with **Jest** and API tests with **Postman**

University of Maryland, College Park

COMPUTER SCIENCE TEACHING ASSISTANT

January 2022 - May 2022

College Park, MD

- Serve as a TA for **CMSC122: Intro to Programming Via the Web**, a course that teaches the basics of **HTML**, **CSS**, and **JavaScript** to new programmers
- Design and hold exam review sessions for students
- Provide clarification for concepts during in-class work time and troubleshoot student code
- Hold weekly office hours to support students

Evans & Chambers Technology

WEB DEVELOPER INTERN

April 2021 - August 2021

Washington, D.C. (Remote)

- Developed a security clearance management application
- Addressed customer tickets using **Groovy**, **Grails**, and **Javascript**
- Pulled security clearance information from relation database using **SQL**
- Experienced **Agile** software development workflow through daily scrum, backlog grooming, and sprint retrospectives

Technical Projects

Typing Application

JAVA

🐙 GitHub

- Created application for users to test their typing speed in WPM
- Developed the UI using **Java Swing** and **Abstract Window Toolkit**

Skills

Languages

Java, JavaScript, HTML, CSS, C#, C++, C, Groovy, Ruby, OCaml, \LaTeX , Lua

Technologies

React.js, Git, .NET, Grails, Figma, Unix/Linux, SQL, Firebase, Powershell, Vim/Neovim

Activities

Hack4Impact, UMD Chapter

ENGINEER

2022 - Present

- Built a web application to match under-served youth to mentors for a local non-profit
- Used **React**, **TypeScript**, and **Firebase** on a team of four engineers

LakelandSTARS

TUTOR

2019 - Present

- Tutor children from a local elementary school in math and reading once per week