Jason **Cavanaugh**

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Education

University of Maryland, College Park   *2019 - 2022*
B.S. IN COMPUTER SCIENCE   *GPA: 3.87/4.0*
- 2019 - 2022 Dean's List
- Coursework: Object-oriented Programming I & II, Computer Systems, Discrete Mathematics, Programming Languages, Data Structures, Data Science, Algorithms I & II, Databases, Human-computer Interaction, Linear Algebra, Multivariable Calculus

Work Experience

Appian Corporation   *June 2022 - August 2022*
SOFTWARE ENGINEER INTERN   *Tysons, VA*
- Used **Docker**, **Kubernetes**, and **GitLab CI/CD** to redesign the software infrastructure used by the Appian documentation writers in their workflow
- Collaborated with 5 other interns to display group inheritance trees inside Appian using Appian's functional UI language, SAIL

Orbit Logic   *June 2021 - June 2022*
SOFTWARE DEVELOPER INTERN   *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, and 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   *January 2022 - May 2022*
COMPUTER SCIENCE TEACHING ASSISTANT   *College Park, MD*
- Serve as a TA for **Intro to Programming Via the Web**, a course that teaches the basics of **HTML**, **CSS**, and **JavaScript** to new programmers
- Supported students by holding weekly office hours, holding exam review sessions, and assisting during weekly, in-class discussions

Evans & Chambers Technology   *April 2021 - August 2021*
WEB DEVELOPER INTERN   *Washington, D.C. (remote)*
- Developed a security clearance management application using **Groovy**, **Grails**, and **JavaScript**
- Pulled security clearance information from a relational database using **SQL**
- Experienced **Agile** software development lifecycle through daily scrum, backlog grooming, and sprint retrospectives

Technical Projects

Typing Application   *GitHub*
JAVA
- 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/TypeScript, Python, HTML, CSS, C#, C++, C, Groovy, Ruby, OCaml, LaTeX
Technologies React.js, Git, .NET, Grails, Docker, Kubernetes, Figma, Linux, SQL, Firebase, Vim/Neovim

Activities

Hack4Impact, UMD Chapter   *2022 - Present*
ENGINEER
- Built a web application to match under-served youth to mentors for a local non-profit using **React**, **TypeScript**, and **Firebase**

LakelandSTARs   *2019 - Present*
TUTOR
- Tutor children from a local elementary school in math and reading once per week