

Jason Cavanaugh

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Work Experience

JPMorgan Chase

February 2023 - present

SOFTWARE ENGINEER - FULLSTACK

New York, NY

- Design and implement a new greenfield web application for streamlining the release process of Chase mobile apps
- Work on a web application for uploading mobile builds and distributing them to testers
- Code fullstack features using **React**, **TypeScript**, **Java**, and **Kotlin**
- Work with **Docker** and **Kubernetes** infrastructure deployed on **AWS**
- Design and implement a user metrics tracking dashboard that interfaces with **Splunk**
- Managed 6 winter interns for a 3-week period. Oversaw their project and assisted them through pair programming

Appian Corporation

June 2022 - August 2022

SOFTWARE ENGINEER INTERN - INFRASTRUCTURE

Tysons, VA

- Used **Docker**, **Kubernetes**, and **GitLab CI/CD** to redesign the software infrastructure used by the Appian documentation writers in their workflow
- Presented new infrastructure to engineers and addressed questions about functionality, limitations, and future goals

Orbit Logic

June 2021 - June 2022

SOFTWARE DEVELOPER INTERN - FULLSTACK

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

University of Maryland, College Park

January 2022 - December 2022

COMPUTER SCIENCE TEACHING ASSISTANT

College Park, MD

- Served as a TA for **Intro to Programming Via the Web**, a course that teaches the basics of **HTML**, **CSS**, and **JavaScript** to new programmers, and **Object-oriented Programming I**, the first computer science course for prospective majors
- Supported students by leading weekly discussions, holding office hours, and preparing exam review guides

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**

Technical Projects

Event Scheduling Portal

REACT.JS, TYPESCRIPT, EXPRESS.JS, VITE

🐙 GitHub

- Built a single-page application to assist in the administrative needs of Grassroots Groceries, an NYC-based non-profit

Expense Tracking Application

NEXT.JS, TRPC, PRISMA, NEXTAUTH

🐙 GitHub

- Built a web application with for tracking expenses. Used daily by me. Try it out at <https://basil.vercel.app>

Habit Tracking Application

NEXT.JS, TRPC, PRISMA, NEXTAUTH

🐙 GitHub

- Built a web application with for tracking habits in a graph similar to the GitHub contributions graph. Used weekly by me. Try it out at <https://streakgraph.vercel.app>

Skills

Languages

JavaScript/TypeScript, HTML, CSS, Java, Kotlin, C#, Bash

Frameworks/Libraries

React.js, Next.js, Tailwind, TanStack Query, tRPC, MaterialUI, Docker, Kubernetes, Spring Boot, .NET

Education

University of Maryland, College Park

2019 - 2022

B.S. IN COMPUTER SCIENCE

GPA: 3.87/4.0

- 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