Jason **Cavanaugh**

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Work Experience

JPMorgan Chase *February 2023 - present*
SOFTWARE ENGINEER II - FULLSTACK *New York, NY*
- Design and implement a new greenfield web application for streamlining the release process of Chase mobile apps
- Maintain a web application for uploading mobile builds and distributing them to testers
- Developed a new internal application for managing the distribution of mobile test devices within Chase
- Code fullstack features using **React**, **TypeScript**, **Java**, and **Kotlin**
- Work with **Docker** and **Kubernetes** infrastructure deployed on **AWS**
- Designed and implemented a user metrics tracking dashboard to gain insight into usage of our applications
- 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**, and **C#**
- 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

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 for tracking expenses. Try it out at *https://basily.app*

Habit Tracking Application
NEXT.JS, TRPC, PRISMA, NEXTAUTH *GitHub*
- Built a web application for tracking habits. Try it out at *https://streakgraph.com*

Skills

Languages JavaScript/TypeScript, HTML, CSS, Java, Kotlin, C#, Bash
Frameworks/Libraries React.js, Next.js, Tailwind, TanStack Query, tRPC, Redux, MaterialUI, Vite, Docker, Kubernetes, Spring

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