

Jack Bisceglia

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Education

University of Massachusetts Amherst

Amherst, MA

B.S IN COMPUTER SCIENCE, GPA: 3.96/4.00

Expected Graduation: May, 2023

- **Achievements:** Dean's List Award 4/5 Semesters, Abigail Adams Scholarship
- **Relevant Coursework:** Algorithms, Data Structures, Relational Databases, Discrete Math, Linear Algebra

Experience

Salesforce

San Francisco, CA

SOFTWARE ENGINEER INTERN

May, 2022 - Present

- Working as a Software Engineer Intern on the Experience Cloud Content Architecture team.

HubSpot

Cambridge, MA

SOFTWARE ENGINEER CO-OP

August, 2021 - December, 2021

- Worked on a UI Product team to develop platforms that empower developers to extend the HubSpot app and create a more tailored business integration.
- Developed and iterated on two production level UI components for the HubSpot developer ecosystem using Typescript, and React.
- Cultivated a robust user experience by building a proof-of-concept library in React, all while maintaining UI/UX principles crucial to the product.

Nuance Communications

Burlington, MA

SOFTWARE ENGINEER INTERN

May, 2021 - August, 2021

- Worked on the Research and Development team to implement and improve features on Nuance Powershare, a centralized network for sharing medical imaging.
- Decreased file sizes and transfer speeds drastically by developing a file conversion library with Java and JAXB, supporting file conversion from XML to DICOM SR.
- Built a parsing tool in Java with Apache Velocity in order to reformat Health Level Seven data, minimizing necessary computing costs on Microsoft's Azure platform.

Skills

Programming Languages: JavaScript/TypeScript, Python, Golang, Java, HTML, CSS

Web Technologies: React, Express.js, Spring Boot, Svelte, Flask, TailwindCSS, Chakra UI

Tooling/Other: PostgreSQL, Git, REST, Node.js, AWS RDS

Projects

AppTrack.tech - Golang, Typescript, React, PostgreSQL, AWS Lambda (Python), TailwindCSS

- Architected and built a full stack mailing list in a small team, in order to send out the most up to date SWE job listings.
- Amassed over 200 user sign-ups on launch day, creating a seamless job search for hundreds of students.
- Developed a fast and modern Golang API, enabling seamless end to end user experience and data persistence.
- Provisioned application architecture by integrating cloud deployments and micro-services spanning: React UI, Golang API, PostgreSQL DB, and AWS Lambda serverless functions (Python).

Trello Clone - React, Javascript, Express, PostgreSQL, Node.js

- Built a full-stack web app to help improve productivity with a centralized, card-based task board.
- Garnered 50+ user sign-ups on the app, and 20+ stars on GitHub upon deployment.
- Implemented a neat UI in React, simplifying the task management experience by categorically separating tasks.
- Served data with an Express REST API and PostgreSQL, allowing users to access responsibilities over time.

Sneaker Swipe - React, Javascript, Spring Boot, Java, PostgreSQL, AWS RDS

- Created a web application designed for users to voice their opinions on sneakers, new and old.
- Developed a front-end web app in React, featuring a slider with likes, dislikes, and a submission form.
- Handled data requests and persistence with a Spring Boot REST API and AWS RDS database, resulting in a neat, modular, and scalable code base.