Jack Bisceglia

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Education

University of Massachusetts Amherst   *Amherst, MA*
B.S IN COMPUTER SCIENCE, GPA: **3.95/4.00**   *Expected Graduation: May, 2023*
- **Achievements:** Dean's List Award 4/5 Semesters, John & Abigail Adams' Scholarship
- **Relevant Coursework:** Algorithms, Data Structures, Relational Databases, Discrete Math, Linear Algebra

Experience

Salesforce   *San Francisco, CA*
SOFTWARE ENGINEER INTERN   *May, 2022 - August, 2022*
- Supported the Content Architecture team, working to help improve consistency and service health visibility for crucial user-facing services.
- Onboarded one primary service to internal site reliability monitoring, ultimately decreasing service downtime and drastically minimizing time-to-fix for critical bugs via automated notifications.
- Conducted SRE-focused R&D for team's services, improving future development efficiency and SRE speed.

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*
- Contributed to 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 - *Typescript, React, PostgreSQL, AWS Lambda (Python), TailwindCSS*
- Architected a full stack mailing list with a small team, in order to send out the most up to date SWE job listings.
- Amassed over **200** user sign-ups on launch, and **400** total sign-ups and counting, creating a seamless job search for hundreds of Computer Science 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.
- Gained 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.