Brooklyn, NY 11222   **JONATHAN BEAUBIEN**   (206) 696-4608
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EMPLOYMENT

Software Engineer, Full Stack   [Posh](#)   **February 2023 - Present**

Social Experiences / Event Ticketing Platform

- Rebuilt the core event page in Next.js, improving SEO by implementing semantic markup, structured data (JSON-LD), Open Graph metatags, and server-side rendering for fast initial loads.
- Developed an infinite-scroll, swipeable Explore feed in React Native and tRPC with personalized event suggestions, curated playlists, friend activity, and saved events — powering discovery and improving mobile marketplace order contribution >10 fold.
- Contributed to shared design system and component library using Storybook; partnered closely with product and design to ship polished web and native features.
- Led technical planning by refining requirements, creating milestones and tickets, and collaborating across engineering, product, and design teams.
- Developed AWS serverless pipelines with Lambda, S3 (presigned URLs), SQS, and CloudFormation, automating image workflows and infrastructure deployment.
- Monitored performance across platforms using Sentry for frontend metrics and custom DataDog dashboards for backend performance and logging.

Software Engineer (Part-time)   **University of Washington I.T.**   **July 2020 - September 2022**

University of Washington I.T. Department - AXDD (Academic Experience Design and Delivery)

- Modernized the student portal to use Vue and Vuex for state management resulting in faster feature development, increased unit tests with Jest and Cypress (30%), simplified code debugging, and increased refactorability.
- Implemented an asynchronous background job queue for email delivery and optimized REST API caching, improving system responsiveness.
- Collaborated with co-workers during sprint planning and code reviews in an agile environment—tracking changes in JIRA.

EDUCATION

Seattle, WA   **University of Washington**   **September 2018 – August 2022**

- B.S. in **Applied and Computational Mathematical Sciences** with a concentration in Scientific Computing and Numerical Algorithms, August 2022.
- Undergraduate Coursework: Data Structures and Algorithms; Databases (SQL and NoSQL); Computer Science I and II (Java); Applied Mathematics (Python, MATLAB); Real Analysis; Linear Algebra; Scientific Computing.
  - o Applied Math Portfolio: https://github.com/j0pp/AMATH–Papers

PROJECTS

- **Word Trio ([link](#))** (2022). Built a Wordle-type game using React and Tailwind CSS which garnered >2,000 visitors. Implemented a small Firebase backend to handle aggregating anonymous puzzle data.
- **djdemocra.cy** (2022). Developed a real-time collaborative Spotify queue maker with a SocketIO, Express, and PostgreSQL with a VueJS frontend. Used the Spotify Web API to authenticate users with OAuth2.

Languages and Technologies

- TypeScript, NextJS, React, React Native, NodeJS, MongoDB, SQL, HTML/CSS
- AWS (S3, SQS, Lambda), Docker, Git, Graphite, JIRA, Linear, Cursor (AI pair-programming)

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