Jason Gin

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EDUCATION

Northeastern University   **Aug 2019 – Dec 2023**
B.S. Computer Science · 3.76 · magna cum laude   Boston, MA

EXPERIENCE

Grant Street Group   **March 2024 – Present**
Software Engineer   Pittsburgh, PA
- Engineered migration of TriPOS payment postbacks from monolith to microservice written in Go, improving the scalability, flexibility, and modularity of the payment application.
- Driving initiative to eliminate 95% of postback tech debt to significantly improve maintainability.
- Built solution to gracefully handle jobs during data center flips for a RabbitMQ Pub/Sub service.
- Addressed regular production upgrades to our payment application, catering to client needs.

Intuit   **Jan 2022 – Jul 2022**
Software Engineer Co-Op   Mountain View, CA
- Led and completed project to build money onboarding workflows in React and integrate them across multiple teams into QuickBooks Online.
- Developed Real-User Monitoring to reduce mean time to recovery (MTTR) of client issues by 70%.
- Integrated Splunk API ID logging in 3 workflows for interaction tracking, further reducing MTTR.
- Addressed regular production improvements involving React client-side and existing Java services.

Colgate-Palmolive   **Jan 2021 – Jul 2021**
Software Development Co-Op   Piscataway, NJ
- Designed and developed AI model in Python to extract ingredient data from assets in multiple languages, eliminating the need for frequent manual extraction.
- Built internal tool for marketing portal using JavaScript and jQuery, expediting 15+ high-frequency operations by up to 15 minutes per operation; recognized by CIO and Worldwide Directors.

PROJECTS

Staple Recipes
- No-frills recipe site that derives macro and micro nutritional values from recipe ingredients.
- Built and deployed using React, Node, PostgreSQL, Firebase Authentication, and AWS EC2.

TripStarter
- An early in development project to build a group scheduling serverless web app for personal use.
- Building and deploying using React, Go, and Firebase.

SKILLS

Programming Languages: Go, JavaScript, TypeScript, Java, Python, Perl, SQL, HTML, CSS
Frameworks & Libraries: React, Redux, jQuery, Cypress, Jest, JUnit, Express, Astro
Tools & Platforms: Git, Node, JIRA, Firebase, GCP, Docker, NGINX, AWS, GitHub Actions, Vite, Webpack