

Jason Gin

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EDUCATION

Northeastern University

B.S. Computer Science · 3.76 · magna cum laude

Aug 2019 – Dec 2023

Boston, MA

EXPERIENCE

Grant Street Group

Software Engineer

March 2024 – Present

Pittsburgh, PA

- Completing project to identify and remove 90% of tech debt from migrations of our payments postback service from monolithic (Perl) to microservice-oriented (Go) architecture.
- Built robust solution to handle job interruptions for our Advanced Message Queuing Protocol (AMQP) during datacenter flips.
- Addressed 10+ regular production upgrades, catering to various client needs.

Intuit

Software Engineer Co-Op

Jan 2022 – Jul 2022

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 repair (MTTR) of client-facing issues by up to 95%.
- Integrated API ID logging in 3 workflows to easily locate specific interactions and bottlenecks using Splunk, further reducing MTTR.
- Addressed regular production improvements involving React client-side and existing Java services.

Colgate-Palmolive

Software Development Co-Op

Jan 2021 – Jul 2021

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.

Northeastern University

Peer Mentor

Jul 2020 – Dec 2020

Boston, MA

- Provided leadership and support to 29 remote first-year students for their global involvement in the NU community during COVID-19 lockdowns as part of the NU Start program.

PROJECTS

Staple Recipes · <https://staplerecipes.com/>

- No-frills recipe site built with React + TypeScript, Node REST APIs, PostgreSQL, Firebase, AWS.

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