

Ian Yang

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Work Experience

Faire Wholesale Inc

Toronto, Ontario

SOFTWARE ENGINEER II, FRONTEND

Nov 2021 – Present

- Reduced monthly shipping costs by **>65%**, by transitioning a free shipping subsidy to a co-funded program, leading a **4**-engineer frontend team over a **3**-quarter implementation cycle. Closely collaborated with the Insider team via bi-weekly syncs and engineering design docs.
- Drove a **>35%** increase in Open With Faire applications with a shortened variant of the application form, leveraging soft credit checks. Supported the development of a V2 to automate the underwriting process with a third-party credit reporting API.
- Boosted marketing email subscription rates by **10%** via an email opt-in nudge on the front page. Collaborated on engineering design docs to support a future SMS opt-in nudge variant.
- Managed **2** co-ops who each achieved top performance scores, by formulating growth plans, conducting weekly 1:1s and code pairings, and provided guidance as they successfully launched their own significant projects as project leads.
- Consolidated team-owned user journeys by auditing event tracking and end-to-end test coverage, building a road map to address coverage gaps, and delegating work amongst **3** frontend engineers.
- Completed frontend on-call rotations, performing daily smoke testing and deployments, quickly triaging and resolving blocking CI and end-to-end test issues.

JANA Corporation

Aurora, Ontario

INTERMEDIATE SOFTWARE DEVELOPER

Aug 2020 – Nov 2021

- Led and mentored a **5**-developer frontend team by directing, planning, and developing flagship enterprise software Lantern to meet multiple version release deadlines, generating **\$3+ million** annually in licenses.
- Led and organized sprint retrospectives, strengthening team cohesivity, communication, and planning by empowering the team to make continuous and procedural improvements through actionable items.
- Reduced development time by **25%** by coupling processes and hand-offs between Lantern developer/QA teams.
- Minimized PR lag by **35%** by collaborating with frontend team members to consolidate workflows and processes.
- Discussed and validated product requirements, user stories, and development estimations with key stakeholders to break them down into features & development tickets in Jira.
- Developed and maintained Azure DevOps CI/CD pipelines, automating the building and deployment of development and QA environments.

Skills

Languages TypeScript, JavaScript (ES6+), HTML/CSS (styled-components, Sass)
Frameworks React (Hooks, MobX, Redux)
Technologies RESTful APIs, Jest, Mocha, Cypress, Storybook, Jenkins, Git, Figma, Jira

Education

University of Toronto, St. George Campus

Toronto, Canada

HONORS BACHELOR OF SCIENCE IN COMPUTER SCIENCE & STATISTICS

June 2020

Projects

League Oracle - React, Node (Express), MongoDB, Tesseract OCR Engine, Riot Games API

- Leveraged Tesseract OCR Engine to identify players and characters from a game screen image.
- Implemented asynchronous programming and optimized image processing strategies, improving Tesseract performance by **450%**, character recognition accuracy by **30%**, and reducing image storage space by **35%**.

Spotify Karaoke - React, Spotify API

- Engineered web scraper to gather and store lyrical data from Genius.com
- Configured endpoints from Spotify and Genius RESTful web APIs to fetch current playback information, user playlists, and control playback in real-time.