

Ian Yang

🏠 ianyang.ca | ✉ ianyyang00@gmail.com | 🌐 ianyyang | in ianyyang

Work Experience

Faire

SOFTWARE ENGINEER

Toronto, Ontario

November 2021 – Present

JANA Corporation

SOFTWARE DEVELOPER

Aurora, Ontario

August 2020 – November 2021

- Led and mentored a **5**-developer Front End team by directing, planning, and developing Lantern (in React & Redux) 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 Front End 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.

Goldenlink Academy

COMPUTER PROGRAMMING TEACHER

Markham, Ontario

May 2021 – Present

- Curated structured computer programming lesson plans based on students' level of expertise and interests.
- Teach 1-on-1 Python lessons to **4** students by delivering fundamental programming concepts through lessons, example problems, and live coding sessions.
- Tutor a student 1-on-1 by guiding them through rudimentary data structures & core algorithmic concepts, example exams, and live coding sessions.

Skills

Languages	TypeScript / JavaScript, HTML/CSS (Sass), C#
Frameworks	React (Redux), .NET Core, Node, Express
Technologies	Azure DevOps, Git, Jira, Microsoft SQL
Miscellaneous	130 WPM Typing Speed, 355/215/420 SBD

Education

University of Toronto, St. George Campus

HONORS BACHELOR OF SCIENCE IN COMPUTER SCIENCE & STATISTICS

Toronto, Canada

June 2020

Projects

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

[HTTPS://GITHUB.COM/IANYANG/LEAGUEORACLE](https://github.com/iany yang/leagueoracle)

- 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

[HTTPS://GITHUB.COM/IANYANG/SPOTIFYKARAOKE](https://github.com/iany yang/spotifykaraoke)

- 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.