Ian Yang

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Education

University of Toronto, St. George Campus   *Toronto, Canada*
Honors Bachelor of Science in Computer Science & Statistics   *June 2020*

Work Experience

JANA Corporation   *Aurora, Ontario*
Software Developer   *August 2020 – Present*

- 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 **$2+ 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   *Markham, Ontario*
Computer Programming Teacher   *May 2021 – Present*

- Curated structured computer programming lesson plans based on students' level of expertise and interests.
- Teach 1-on-1 Python lessons to **2** students by delivering fundamental programming concepts through lessons, example problems, and live coding sessions.

Namar Canada   *North York, Ontario*
Web Developer   *May 2019 – August 2019*

- Led weekly sprints through effective communication using Trello.
- Developed and designed the Namar Canada website, providing a multi-faceted gateway for information, presentations, and in-person workshops.
- Refactored and optimized Qualsoft Corporation website code (LAMP) to improve web design and user experience.
- Wrote and organized clear and concise user documentation to aid in general usage and future development.

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

Projects

League Oracle - React, Node (Express), MongoDB, Tesseract OCR Engine, Riot Games API
HTTPS://GITHUB.COM/IANYYANG/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/IANYYANG/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.