Ian Yang

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Skills

Spoken Languages	English (Native), French (Immersion)
Programming Languages	JavaScript (TypeScript), C#, HTML/CSS (Sass)
Frameworks	React.js (Redux), Node.js, Express.js, .NET Core
Technologies	Git, Jira, Unix, Microsoft SQL, MongoDB, Postman

Education

University of Toronto, St. George Campus   *Toronto, Canada*
HONORS BACHELOR OF SCIENCE IN COMPUTER SCIENCE & STATISTICS   *Sep 2015 - Apr 2020*

Experience

JANA Corporation   *Aurora, Ontario*
JUNIOR SOFTWARE DEVELOPER   *August 2020 – Present*

- Implemented and deployed product features from the ground up to production, to meet client requirements.
- Engaged with team members regarding software architecture, development timelines and estimations, user stories, and product requirements.
- Communicated with product owners, developers, and QA analysts to document tasks throughout the full development life cycle from development, to testing, to deployment using Jira.

Qualsoft Corporation & Namar Canada   *North York, Ontario*
WEB DEVELOPER   *May 2019 – Aug 2019*

- Researched, designed, and built a website for Namar Canada, providing a multi-faceted gateway for information, presentations, and in-person workshops.
- Demonstrated leadership by conducting weekly Scrum sprints through effective communication using Trello.
- 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.

Goldenlink Academy & Pathway2Potential Foundation   *Markham, Ontario*
WEB DEVELOPER   *Jun 2019 – Aug 2019*

- Researched, designed, and built a website for both Goldenlink Academy and Pathway2Potential Foundation, integrating a Learning Management System web app as to provide online Ontario high school courses.
- Consulted and collaborated with administrative members and teachers to develop and optimize website requirements, graphics, and content.

Projects

League Oracle - Tesseract.js, React.js, Node.js (Express), MongoDB
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%**.
- Refactored code for improved code readability and modularity.

Spotify Karaoke - React.js, HTML, CSS
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.