Albert Yang

SOFTWARE DEVELOPER

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Biography

Albert is a University of Toronto CS graduate with **nearly a half decade** of software development experience building customer-facing production applications. He has proven results in **doubling web traffic and engagement** on client projects, spanning a variety of different industries, with a total **6.5m+ organic monthly visits** across projects

Skills

Languages
TypeScript, Java, Python, C#, Groovy, MySQL

Libraries & Frameworks
React, Next.js, Astro, GraphQL, Adobe Experience Manager, Tailwind, Node

Tools & Platforms
Git, GitHub, Contentful, Jenkins, Vite, Storybook, Figma

EXPERIENCE

Software Developer II, I, Associate | Konrad Group
SEP 2020 - AUG 2023, TORONTO, CA

- Delivered high-quality, robust production code, with proven results of **doubling traffic and engagement** for a diverse array of clients including Kia Canada, Cadillac Fairview, Marks & Spencer, Autozone, and more
- Collaborated seamlessly with design, product, developer and stakeholder teams to bring client creative concepts to life, reaching **6.5m+ in organic monthly traffic** across total projects
- Tested and resolved accessibility issues on all projects, reaching *Web Content Accessibility Guidelines* **(WCAG) 2.0+ AA compliancy** across the board

Software Developer Intern | Magnet Forensics
JAN 2018 - DEC 2018, MAY 2019 - AUG 2019, OTTAWA & WATERLOO, CA

- Architected and implemented several data parsing features in Magnet Axiom used in forensic cases by **4000+ law enforcement and corporate customers** worldwide, including the FBI, Department of Homeland Security, and LAPD
- Ported existing build jobs to Jenkins pipelines, facilitating dynamic stages, parallelism and better source control
- **Reduced operational burden** by creating internal dashboard features to identify anomalies and trends, allowing developers to quickly root-cause build failures and ensuring a safer production workflow

EDUCATION

University of Toronto | Bachelor's Degree in Computer Science (Honours), Double Minor in Math, Business
SEP 2015 - APR 2020, MISSISSAUGA, CA

Courses: Data Structures and Algorithms, Software Engineering, Databases, Intro to ML/AI, Full Stack Web Development, Mandarin

Activities: Ultimate Frisbee Team, Badminton Club, Campus Photography Team

BrainStation | Diploma, Full Stack Web Development
JUN - SEP 2020, TORONTO, CA

PROJECTS

Fortnite2D | Contributor
JAN 2020 - MAR 2020, SCHOOL PROJECT

A Fortnite clone in 2D written in React. Play against other players with millisecond latency on a forest map using websockets, pick up guns, ammo, object collisions

RooBot| Contributor
MAY 2020 – AUG 2020, PERSONAL PROJECT

A Discord bot written in Javascript. Offers giphy support and fun embedded commands. Went from design to implementation within a week. Increased community engagement and overall member experience

React Pokedex| Sole-Contributor
AUG 2020, HACKATHON PROJECT

A modern day Pokedex written in React. Has since become a sandbox to explore new web tech. Uses React Hooks, Typescript, axios, carousel animations