Jarrett Huang

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EXPERIENCE

Visier Inc.   **Vancouver, BC**
Senior Software Developer   *July 2023 - Present*
- Designed and implemented usage instrumentation to collect data on cost, performance and adoption across major areas, such as the web app, query engine, data pipeline, file storage, and standalone API services.
- Acted as the lead developer for Visier's next-generation tabular reporting product. Created and maintained a new Angular codebase. Established CI/CD workflows with Jest and Jenkins to ensure code quality and deployment stability. Delivered high-performance, pixel-perfect frontend features with full i18n, accessibility, and white-labeling support. Integrated with Visier's AI agent workflows. Played a key role in securing one of the largest contracts in company history, contributing to hundreds of millions in revenue.
- Mentored and supervised 5 Co-ops (interns), supporting their professional growth and project success.

Software Developer II   *Feb 2021 - July 2023*
- Designed and implemented the end-to-end feature where users can report, review, and correct issues in their data by themselves, significantly accelerating the speed of data correction and content reloading.
- Designed and implemented the API with which users can create hypotheses for the state of their data in the future and view updated analytics in real time, enabling new market opportunities for Visier.

Software Developer I   *Feb 2020 - Feb 2021*
- Revamped major application areas with the latest Angular design patterns using NgRx and RxJS.
- Built a performant full-stack solution for displaying and managing large volumes of recursively structured data.
- Implemented the integration with a leading IT service management platform via a third-party IdP, enabling a secure and seamless authentication and authorization experience for over 15 million employee accounts.

Software Developer Co-op (Intern)   *May 2018 - Dec 2018*
- Created new backend APIs for querying data issues with server-side sorting, filtering, and pagination.
- Implemented a new page for running ETL jobs and debugging data issues with export functionalities.

Quartz Imaging Corporation   **Vancouver, BC**
Software Developer Co-op (Intern)   *Sep 2017 - Apr 2018*
- Implemented an interactive homepage dashboard using vanilla JavaScript and C#.
- Migrated major parts of the existing web application from ASP.NET Web forms to ASP.NET Core MVC.

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Scala, Kotlin, Java, Python, C#, SQL
Frameworks & Libraries: Angular, React, Next.Js, Tailwind, Node.js, RxJS, NgRx (Redux), Postgres, Cassandra (NoSQL)
Tools: Visual Studio, IntelliJ, Git, Linux, Zsh, Kong, Docker, Jenkins, webpack, Vite, Jest, Yarn

EDUCATION

University of British Columbia   **Vancouver, BC**
Bachelor with Honours, Combined Major in Business and Computer Science (**GPA**: 3.90)   *Sep 2014 - Dec 2019*
- Trek Excellence Award for Continuing Students (GPA top 5%)
- Sauder School of Business International Student Scholarship
- UBC International Community Achievement Award

PROJECTS

JSON Viewer: A React app for validating, formatting, and visualizing JSON data.   jsonviewer.io
Rectangle UI: A code-first Angular UI component library.   rectangle.jhuang.ca
Widgets: A NextJs app for creating embeddable web widgets.   widgets.jhuang.ca