Justin Liu

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Personal Homepage

Frontend Developer | Full Stack Developer

A Data-driven, Detail-oriented, Multitasking Computer Science graduate with 3 years' experience in **data analytics**, coupled with a strong foundation in **software design and development**. A humble **lifelong learner** has the excellent capacity to learn and master the new coding languages, middleware, and framework on the requirement. Demonstrated ability to work collaboratively in cross-functional teams and effectively communicate technical concepts to stakeholders.

Languages	C | C++ | JavaScript | Python | HTML & CSS | SQL
Frameworks	Vue | React | NextJS | Express | NodeJS |
Databases	MySQL | Oracle | PostgreSQL | MongoDB
Data Visualization	Tableau | Power BI | Microsoft Access
Cloud	Microsoft Azure

PROFESSIONAL EXPERIENCE

Quality Assurance Manager | *Oneclass, Academic Discipline Team*   Jul. 2020 - Present
- Led the development of comprehensive, analytics-backed monthly reports to monitor and evaluate the performance of a team of over 60+ remote educators across various time zones. Utilized Tableau dashboard to display their key performance indicators, resulting in a 17% boost in team efficiency since employment.
- Collaborated with cross-functional teams to establish the parameters and goals for new projects related to academic assistance and formulated budgets based on the projects' scope and resource needs.
- Managed the hiring and training process of new educators for STEM subjects, including the development of training materials, interviewing candidates, and coordinating with HR to ensure a seamless hiring process.

Operation Analyst | *Oneclass, Customer Engagement Team*   Jun. 2019 - Jul. 2020
- Utilized analytic tools such as Excel, SQL, and Tableau to conduct comprehensive assessments of the user experience across various channels, including the company website, social media platforms, and customer feedback.
- Synthesized and evaluated data related to student and tutor performance, identifying areas for improvement and collaborating with the marketing team to enhance the quality of services.
- Provided insights and guidance on implementing appropriate solutions to enhance the user experience, utilizing a data-driven approach to inform decision-making.

CERTIFICATE

Google Data Analytics Professional Certificate | Google | Link   Oct. 2021
Microsoft Certified: Azure Fundamentals| Microsoft | Link   Nov. 2023

EDUCATION

Diploma: Computer Programming | Seneca College, Toronto, ON   **2023**
Bachelor's Degree in Chemistry | Western University, London, ON   **2018**

PROJECT

Promptopia
- a web application that allows users to sign in exchange useful prompts. Utilized Next.js and NextAuth for authentication, and crafted REST APIs to manage search and deletion requests, with MongoDB serving as the database for user data administration.

ArtExplore
- a web application that allows users to search and explore art collections, with the option to create personal accounts to save browsing history. Utilized Next.js, MongoDB, JWT, and Jotai technologies for a seamless and interactive browsing experience.