Justin Liu

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HIGHLIGHT OF QUALIFICATIONS

- **Technical Proficiency**: Strong capabilities in a variety of programming languages including C, C++, JavaScript, Python, HTML, CSS, and SQL. This diverse skill set is crucial for roles requiring versatility in coding and web development.
- **Framework Expertise**: Proficient in multiple frameworks like Vue, React, NextJS, Express, and NodeJS, indicating a solid foundation for frontend and backend web development.
- **Database Management**: Experienced in handling various database systems such as MySQL, Oracle, PostgreSQL, and MongoDB, essential for roles that involve data-driven application development.
- **Data Visualization Skills**: Skilled in using tools like Tableau, Power BI, and Microsoft Access for effective data presentation, aligning with roles requiring insights from complex data sets.
- **Cloud Technology Familiarity**: Knowledgeable in using Microsoft Azure, showcasing an understanding of cloud services and their application in modern web development.

WORK EXPERIENCE

Quality Assurance Manager　　　　**Oneclass, Academic Discipline Team**　　　　**07/2020 - Now**

- Led the development of a comprehensive analytics-backed reporting system, demonstrating proficiency in data management and visualization, skills transferable to creating data-driven user interfaces in web applications.
- Enhanced cross-team collaboration by establishing clear project goals and parameters, reflecting strong project management skills essential in software development.
- Managed the entire cycle of hiring and training for STEM educators, showcasing leadership and instructional design skills that are valuable in developing educational and training modules for web platforms.
- Spearheaded initiatives to optimize educator performance using data analytics, indicative of a strong analytical mindset beneficial in optimizing user experience for web applications.

Operation Analyst　　　　**Oneclass, Customer Engagement Team**　　　　**06/2019 – 07/2020**

- Conducted in-depth analysis of user feedback to drive improvements in student and tutor services, demonstrating a user-centric approach essential for front-end development.
- Utilized advanced tools such as Excel, SQL, and Tableau for analyzing user experience, showcasing the ability to handle complex data sets, a skill useful in backend development and data-driven user interface design.
- Played a key role in strategizing enhancements to user experience, highlighting the problem-solving and analytical skills, which are crucial in developing user-friendly and efficient web applications.
- Collaborated with marketing and technical teams to implement data-driven solutions, reflecting an interdisciplinary approach and team collaboration skills necessary in tech development environments.

PROJECTS

Carote Cookware

- Developed the official website of Carote Cookware, leading to a 355% increase in traffic. This project involved sophisticated CSS architecture design and integration of third-party applications, demonstrating skills in user interface enhancement and web application optimization.

Promptopia

- Developed Promptopia, a web application enabling user interactions and prompt exchanges. Utilized Next.js, NextAuth for authentication, REST APIs for functionality, and MongoDB for database management, showcasing full-stack development capabilities with a focus on user-centric design.

ArtExplore

- Created ArtExplore, a web application for exploring art collections with personalized user accounts and browsing history features. Employed Next.js, MongoDB, JWT, and Jotai, emphasizing skills in creating secure, interactive, and user-friendly web interfaces.

EDUCATION & TRAINING

Computer Programming Diploma Distinction, Seneca College, Toronto　　　　2023
Bachelor of Science in Chemistry, Western University, London　　　　2018

Certificates:

- *Google Data Analytics Professional Certificate*
- *Microsoft Certified: Azure Fundamentals*