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# Justin Sohn

## Skills

**Programming Languages & Databases:** JavaScript, TypeScript, C/C++, Python, CSS, HTML, MySQL, PHP, PostgreSQL,
**Framework & Libraries:** React.js, Next.js, Node.js, JQuery
**Tools:** Agile Methodology, Software Testing and Documentation, Deployment and Cloud Services, Amazon Web Services S3 (AWS), Vercel, Git, Excel, Google Docs, Word, NPM

## Education

*California State University, Fullerton*                                                    **Graduation: May 2024**
*Bachelor of Science, Computer Science*

## Projects

**Jsohn.app 2023 Personal Portfolio** | TypeScript | React | Tailwind CSS | Motion-frame | Vercel          **Nov 2023**
- Leveraged React.js to build reusable and interactive components such as react hooks and react-router to manage states and effects while also facilitating routing and navigation within the website
- Enhanced consumer retention duration from 1 to 3 minutes through the strategic implementation of distinctive animations and visuals
- Evaluated peer feedback to restructure the metadata of the homepage and meticulously debugged and optimized code, resulting in a 10% enhancement in visual clarity

**Full Stack Spotify Clone** | TypeScript | Next.js | React | Tailwind CSS | PostgreSQL | Stripe          **Sept - Nov 2023**
- Leveraged Next.js 13.4 to increase performance compared to React.js by shortening client-side loading time from 6.5 seconds to 0.8 seconds while developing a dynamic user interface integrating popular features and functionalities within the music streaming application Spotify
- Increased project scalability by utilizing Supabase to handle backend features by designing database schemas and performing authentication to ensure secure user registration and login process
- Deployed premium subscription using Stripe, resulting in a streamlined and user-friendly payment experience that contributed to a 100% increase in profitability during the Q1 to Q3 development phase

**KeyBored E-Commerce Web App** | TypeScript | Next.js | React | Tailwind CSS | Vercel          **Oct - Nov 2023**
- Includes the latest React framework, Next.js 14.0, which enhanced performance testing by decreasing local start-up time from previous versions by 53%
- Optimized the real-time local compile process, reducing the duration from 800 milliseconds to 500 milliseconds. Achieved this improvement through the strategic simplification of the e-commerce web design, maintaining scalability considerations as the project scope expanded

**CSUF Wordle Web App** | JavaScript | React.js | MaterialUI | Styled-Components | React Router          **Oct - Dec 2022**
- Led a team of four developers orchestrating meetings to deliberate on product implementation. Organized the web design structure and categorized tasks by complexity, resulting in a substantial improvement in teamwork and productivity, increasing from 30% to 80%
- Instituted critical points of discussion for product development, fostering efficient communication among team members and ultimately realizing a 15% improvement in operational efficiency

## Extracurricular

**Association for Computer Machinery (ACM)**
- Collaborated with more than 20+ students in creating projects to understand the fundamentals of software engineering
- Tutored newer students by breaking down complex algorithms into simple and understandable language

## Relevant Coursework

- Object-Oriented Programming, Software Engineering, File Structure and Database, Software Development with Open Source, Data Structures and Algorithms