William Huynh

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software engineer specializing in web UI development • perpetual student with an eclectic range of interests

Experience

UX Engineer (Applications Developer 3 at Insight Global LLC)   08/2020 – present
Microsoft Corporation   Redmond, WA
ReactJS (Hooks & Context), TypeScript, Node.js, Jest, Enzyme, Git, Azure DevOps, Fluent UI
- developing and maintaining Microsoft 365 Admin Controls, an inner source library of reusable UI components used by 300+ developers to improve development times and enhance productivity as a core member of the M365 Admin Design System team
- creating and owning the M365 theme colors reference page, a tool for developers and UX designers to effectively communicate and reference theme colors and their relationships to each other
- building and owning multiple presentational components including M365 IconAlert and M365 EmptyState
- peer reviewing code to ensure published code is readable, concise, current, and maintains a high quality bar
- collaborating with UX designers and other members of technical staff across varying teams and business groups
- writing automated unit and snapshot tests to aid consuming product scalability to millions of global end users
- ensuring components meet WCAG 2.1 and Microsoft Accessibility Standards so users of any device, browser, language, screen reader, or ability can benefit from using Microsoft apps by combining browser API's and CSS-in-JS

Software Engineer (Technical Lead at Mindtree Limited)   01/2020 – 08/2020
Microsoft Corporation   Bellevue, WA
ReactJS, TypeScript, Node.js, Redux, Jest, Enzyme, Sass, Git, Azure DevOps, Fluent UI
- collaborated with other engineers, data scientists, and designers to build Microsoft Power Platform products including AI Builder and Power Virtual Agents, an app that allows easy creation of AI chat bots via a graphical UI
- rebuilt software license expiry page according to designer specifications documented in Figma
- converted entire Power VA codebase to adhere to new TSLint standards to enforce stylistically consistent code
- wrote automated unit tests using Jest and Enzyme to encourage quality code and early bug detection
- applied telemetry data to UI components to allow data scientists to access behavioral user data
- restyled UI components to be responsive at 200% zoom aligning with a11y accessibility standards

Form Designer   06/2018 – 12/2020
ConnectWise LLC   Bothell, WA
HTML, JavaScript, CSS, jQuery, C#, ReactJS
- engineered custom web UI solutions for customers of ConnectWise Sell, a globally distributed SaaS B2B CPQ app
- maintained rank #1 client satisfaction score consistently every month collaborating with 300+ stakeholders of technical ability ranging from admin assistants and sales reps to software developers and CTO's
- instructed classrooms of business partners on how to use HTML, CSS, and proprietary markup language to modify web applications to meet specific business requirements
- maximized billable hours and managing time by prioritizing 20+ projects simultaneously, building web applications from both detailed technical wireframes and more ambiguous non-technical design specifications
- performed image alterations and graphic design in Adobe Photoshop CC and Illustrator CC

Skills

JavaScript, TypeScript, ReactJS, jQuery, D3.js, HTML, CSS, SVG, C#, Python, SQL, Azure, Git, Node.js, AJAX, JSON, REST

Portfolio

LeagueMaps.com (work in progress)
ReactJS (Hooks & Context), TypeScript, MaterialUI, D3.js, Node.js
- creating free data visualization application for fantasy basketball players to generate custom graphs in seconds with just a few clicks
- developing bar chart visualizations using D3.js with live NBA player stats fetched from the data.nba.net REST API

Education

Bachelor of Science, Public Policy   08/2010 – 05/2015
The University of Arizona   Tucson, AZ