

Joshua Wootonn

Frontend Engineer with a knack for User Experience

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Frontend Engineer / Clearcover

SEP 2017 - OCT 2020

- > Created a React web app to replace the Windows Forms version IDx-DR. It was off the books at first, but soon gained steam and became the flagship product
- > Iterated designs in Figma, implemented designs in Electron/React, and tested implementation in Cypress / Spectron
- > Played a pivotal role in features like image snapshot testing, end to end testing, dark mode, interactive animation, and product analytics
- > Mentored three engineers, who were new to React, Electron, and Cypress, spreading the ownership of the product among a backend heavy team

Frontend Engineer / Digital Diagnostics

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Freelance Software Engineer / All American Concrete

MAR 2016 - JUNE 2020

- > Created a labor tracking app called Time Track that facilitates 60 employees to track work, 3 estimators to view analytics, and 1 secretary to automate payroll
- > Developed an initial version with Qt / C++ / MySQL that was used from 2016 to 2018
- > Migrated old version to use Electron / React / Node / MySQL enabling better analytics, sleeker UI, and more intuitive UX

Education

University of Iowa / Computer Science and Engineering

GRADUATION: May 2019 - GPA: 3.54

Skills

Languages: ES7+ JavaScript, TypeScript, C#, C++, Java, Ruby

Technologies: React, DOM API, Electron, Gatsby.js, Next.js, Storybook, Canvas, WebGL, Three.js, MySQL, Postgres, Node.js, ASP.NET Core, Docker, Git, Git Flow, GraphQL, HTML, CSS

Tools: Github, Azure DevOps, Figma, Illustrator