

Thomas Nelson

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Portfolio: <https://www.thnlsn.me>

Summary

Self-driven frontend web developer on and off the clock. I have a passion for problem-solving and creativity, especially in JavaScript, not just by creating functional, maintainable, and responsive experiences on the front end with frameworks and preprocessors like React and Sass, but with servers, database structures, and APIs on the back end. My teamwork and leadership experience from my State Department internship lends itself to the collaborative nature of this field and my work as Frontend Web Developer at Neoboard has given me experience on a scrum team in an agile environment, as well as in communication to personnel both technical and non-technical. I believe these traits and my natural desire to learn and grow are invaluable to the world of software and web development.

Technical Skills

JavaScript, React, Sass, HTML, CSS, NPM, Node, Express, MongoDB, MySQL, Git, GitHub, jQuery, Bootstrap, Handlebars.js, APIs, Figma, Agile, Sprint, Atlassian, SVG, Responsive Web Design

Projects

Xona Space Systems | <https://thnlsn.github.io/xona-space/> | <https://github.com/thnlsn/xona-space/>

A redesign and rebuild of the Wix-based Xona Space Systems website, with attention to easy/flexible maintenance via populating site data from a singular file as well as solutions that integrate seamlessly into their current workflow, such as leveraging the Google Sheets API as a read-only pseudo-backend.

→ Tools: React, Sass, JavaScript, HTML, CSS, Google Sheets API, Google Maps API

Mind Garden | <https://thnlsn.github.io/mind-garden/> | <https://github.com/thnlsn/mind-garden/>

A beautiful daily planner that aims to streamline your productivity for the day whilst helping you practice daily gratitude. All data is stored on your local machine as privacy and ease-of-use was a top priority.

→ Tools: React, Sass, JavaScript, HTML, CSS, localStorage, SVG

Electoral Map | <https://thnlsn.github.io/electoral-map/> | <https://github.com/thnlsn/electoral-map/>

Calculate and visualize a mock presidential election with an interactive map of the U.S. electoral college.

→ Tools: React, Sass, JavaScript, HTML, CSS, SVG

Experience

Frontend Web Developer at Neoboard - Riverside, CA (*Feb 2020 - Present*):

- Building and maintaining the React-based front end for both the main website and our separate messaging application, the latter of which I am wholly responsible over.
- Working closely with backend engineers to integrate our custom built RESTful API.
- Designed maintainable and widely reused and scalable components for our various dashboards.
- Responsible for adding features directly requested by future clients, beyond initial specifications, such as messaging reactions, a study session metrics dashboard tab, and dark mode.
- Writing and maintaining documentation on our application specification sheet.

Fullstack Web Developer at Hack for LA - Los Angeles, CA (*Feb 2020 - Dec 2020*):

- Worked with varying teams to build real-world projects that solve civic issues in the city of Los Angeles, often specifically requested by and partnered with organizations in the area.

U.S. Department of State Intern - Manila, Philippines (*June 2017 - Sept 2017*):

- Constructed a new paperless workflow for procurement actions in the contracting section.
- Took initiative to create online surveys and film/edit videos of residences for the housing section.
- Guided incoming Foreign Service Officers and their families during check-in processes.
- Designed more practical spreadsheets and databases for the General Services Office.

Education

Bootcamp Certificate: University of California, Riverside (*Issued Feb 2020*): A 24-week intensive program for Full Stack Development, focused on gaining technical programming skills in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express.js, Handlebars.js & React.

Bachelors of Arts, Political Science: University of California, Riverside (*Sept 2015 - June 2019*)