Thomas Hoover *Full Stack Web Developer* — Birmingham, AL

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EDUCATION

DevMountain, Phoenix, AZ — *Full Stack Web Development*
Graduated December 2019

- Built full-stack personal and group web projects using Javascript, NodeJS, React, and Postgres
- Over 1000 hours of intensive, instructor-lead, project-based training and self studying primarily in React, NodeJS, Express, Postgres, MongoDB, HTML, CSS, SASS, and Javascript.
- Version Control of all projects and mini-projects using Git (Github/Gitlab).

Texas Woman's University, Denton, TX — **Masters of Science**, *Exercise and Sports Nutrition*
Graduated August 2017

University of Texas at Arlington, Arlington, TX — **Bachelors of Science**, *Exercise Science*
Graduated August 2014

SKILLS

Experience working with the following:

- **Common programs:** Microsoft Office
- **Front-end:** React, React-Redux, Javascript, HTML(HTML5), CSS(CSS3), SASS, LESS, ChartJS, D3
- **Back-end:** Node(NodeJS/Node.js), Express(ExpressJS/Express.js), RESTful API, Axios, Nginx
- **Databases:** SQL, Postgres SQL(PostgreSQL), MongoDB, Firebase
- **Additional resources:** SAS, VS Code, Git, Github, Gitlab, Jira, Trello, Jest, Enzyme, Jasmine, Postman, AWS, Nodemailer, Twilio, Slack, DigitalOcean, Stripe, Google Cloud Platform, npm, yarn

PROJECTS

burgerhoover.netlify.com || Github link
Summary:

- In two weeks, created a burger-building web application for ordering a customizable burger.

Responsibilities:

- Developed a burger builder web application using **React.js/Redux, NodeJS,** and **Firebase** using **VS Code** as my **IDE** and **Github** as my **version control** platform.
- Used **HTML, CSS3, SASS**, and **Javascript** to build an interactive and **mobile-responsive** user interface (**UI**).
- Created **Lifecycle Methods, Hooks, Props**, and **Events** to create an efficient, function-based web app.
- Intertwined action creators with reducers using **Redux** that also stored user session/tokenId's.
- Used **React Axios** to **fetch web API requests** from **Firebase** to update state in the store of **Redux**.
- Utilized **Postman** for **testing API endpoints** that communicated with **Firebase**.
- Incorporated authorization and validation for login and ordering capabilities.
- Built reusable **React** functional components.
- Wrote and performed testing using **React Jest** and **Enzyme**.

- Coded **Git** repository that syncs with **Netlify** to continuously redeploy app via auto-updates.

[voidkanban.com](#) || Github [link](#)

Summary:
- In two weeks, created a bug/ticket tracking (kanban board) web app that is group-focused and incorporates various group-communication methods.

Responsibilities:
- Developed a web application using **React.js/Redux, Node.js, Express**, and **Postgres** using **VS Code** as our **IDE** and **Github** as our **version control** platform.
- Used **Slack**, **Jira**, **Git** commands, and real-time interaction to communicate with group effectively and efficiently.
- Used **HTML, CSS3, SASS, Javascript**, and **React-Beautiful-DnD** to build an interactive user interface (**UI**).
- Created **media queries** for dynamic **mobile-responsiveness**.
- Created **Lifecycle Methods, Hooks, State, Props**, and **Events** to create a dynamic web app.
- Intertwined action creators with reducers using **Redux.**
- Created a hashed-password system for increased security using **bcrypt.**
- Reformat database **SQL** queries/scripts to work with dynamic drag-n-drop features after **UI** rendering.
- Used **React Axios** to **fetch web API requests** from **Postgres** to update state in the store of **Redux** and state of components.
- Utilized **Postman** for **testing API endpoints** that communicated with **Postgres.**
- Wrote and performed testing using **React Jest** and **Enzyme**.
- Incorporated authorization and validation for login and group access capabilities.
- Implemented Sockets (**sockets.io**) for real-time chatting between group members.
- Applied **middleware** via **Express** to reduce query hacking.
- Built reusable **React** functional components.
- Created a server-side droplet using **DigitalOcean, NGINX,** and **PM2**.
- Linked domain name purchased with **AWS**'s **Route 53** with **DigitalOcean** droplet.

[dunkingonuts.com](#) || Github [link](#)

Summary:
- In less than two weeks, created e-commerce capabilities for ordering Dunkin' products via desktop from scratch.

Responsibilities:
- Developed a web application using **React.js/Redux, Node.js, Express**, and **Postgres** using **VS Code** as my **IDE** and **Github** as my **version control** platform.
- Used **HTML, CSS3, SASS,** and **Javascript** to build an interactive user interface (**UI**).
- Created **media queries** for dynamic **mobile-responsiveness.**
- Created **Lifecycle Methods, State, Props**, and **Events** to create a dynamic web app.
- Intertwined action creators with reducers using **Redux.**
- Used **React Axios** to **fetch web API requests** from **Postgres** to update state in the store of **Redux** and state of components.
- Utilized **Postman** for **testing API endpoints** that communicated with **Postgres.**
- Created a hashed-password system for increased security using **bcrypt.**
- Incorporated authorization and validation for login and group access capabilities.
- Applied **middleware** via **Express** to reduce query hacking.
- Used **Trello** for task/bug tracking management and organization.
- Used **Nodemailer** and **Twilio** for email and text alerts after subscriber registration.
- Utilized **Google Cloud Platform** to create a real-time geolocation **Google Map**.
- Paired E-commerce capabilities of web app with **Stripe** to provide the full "checkout" user experience.
- Created a server-side droplet using **DigitalOcean, NGINX,** and **PM2**.
- Linked domain name purchased with **GoDaddy** with **DigitalOcean** droplet.

[thomashooverdev.netlify.com](#) || Github [link](#)

Summary:
- Portfolio Website

EXPERIENCE

University of Alabama Birmingham, Birmingham, AL — *Independent Researcher/Scholar*
August 2017 - August 2019

- Authored numerous grants/manuscripts for multifarious departments within the university
- Consistently worked in diverse groups to accomplish research studies from beginning to end

Texas Woman's University, Denton, TX — *Instructor/Lab Instructor/Overseer*
August 2014 - August 2017

- Instructor/Lab instructor of differing courses within both the Nutrition and Exercise Physiology departments
- Principal overseer of the LEAD-UP program, an intervention based approach to elderly adapted exercise