

# Josh Simmons

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## WORK HISTORY

- **Full Stack Engineer | Living Spaces Furniture | May 2019 - Present**
  - Used React, Redux, and ES6/7/8 to develop and maintain web applications.
  - Devised and developed A/B website tests using Optimizely and JavaScript in order to increase eCommerce revenue resulting in multiple million dollar sales days.
  - Developed a no-code click-and-drag email editor application on Firebase for in-house designers to create their own marketing emails.
  - Created an automatically running Python script on Google Cloud Platform to assess and graph ADA compliance scores across 20 high-traffic pages.
  - Guided website-related SAAS vendor decisions. Led the implementation of a new content management system and aided in the integration of a multi-CDN/cloud orchestration service.
  - Mentored cross-departmental groups of programmers in JavaScript, Git, Python, and REST API interaction.
- **Front End Developer | University of California Irvine | September 2015 - May 2019**
  - Developed and maintained webpages on multiple UCI sub-sites including <https://music.arts.uci.edu/> and <https://www.grad.uci.edu/>
  - Developed web applications using React and Redux
  - Set up automated Babel/Webpack workflows to maintain a modern ES6+ codebase while ensuring compatibility for IE and other browsers.
  - Coded webpages in HTML/CSS/JS and deployed through Cascade CMS and Wordpress.

## TECHNOLOGIES

- **Languages/Libraries/Frameworks/Databases**
  - JavaScript - React, Redux, Express, Node, ES6/7/8
  - Build-Helpers - Webpack, Babel, npm scripts
  - Python - Flask, Selenium, Beautiful Soup
  - Linux/Ubuntu/Bash Scripting/Scheduling/Maintenance
  - PostgreSQL, Firestore, MongoDB
- **Cloud-Related**
  - Amazon Web Services
  - Google Cloud Platform, Firebase
  - Docker

## PROJECTS

- **Living Spaces Website Refresh - (React/Redux/Express/GraphQL)**
  - Overhaul of the current Living Spaces webpage tech stack. Currently in progress. The new site uses React on the frontend, Redux with Redux Thunk for state management, Google Cloud Firestore for the Database, and Google Cloud Functions built in Express for the backend.
- **Product Information App - (React)**
  - Single Page App that allows users to look up product item information by a SKU. The application sends API calls to three various services where product data is stored, then formats and returns the data. Developed for Living Spaces.
- **Email Maker - Web App (HTML/CSS/JS)**
  - Architected and helped create a click-and-drag application with a WYSIWYG interface for designing emails. Once the user is satisfied with their design in the editor, they can press a button to download the email as fully-responsive, cross-client compatible HTML with inline CSS (necessary for scheduling in the email service). The application was developed for and hosted on Firebase. Currently rebuilding the frontend of this application in React/Redux. Developed for Living Spaces.

## EDUCATION

- **Master's Degree - Computer Science | Bowling Green State University | 2013 - 2015**
- **Bachelor's Degree - Music Composition | Bowling Green State University | 2008 - 2013**