

# SEAN SMITH

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GitHub: [github.com/bonham000](https://github.com/bonham000)

Portfolio: [sean-smith.me](https://sean-smith.me)

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## - LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, ES6, React, Redux, React-Router, Enzyme, Node.js, Express, MongoDB, Webpack, Babel, Socket.IO, HTML5, CSS3, Sass, D3.js, HighCharts, jQuery, Git, Heroku.
  - **Exposure:** Ruby, Python, SQL, PostgreSQL, Mocha, Chai.
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## - PROFESSIONAL EXPERIENCE

**Ticketz | Software Engineer | Remote | [live](#) | [code](#)**

**2016**

*Open-source work-order system for IT, maintenance, and contractors developed for an Arizona school system.*

- Developed application components to handle new ticket submission using React and React-Router.
  - Implemented client-side form validation using JavaScript to reduce server traffic and improve user experience.
  - Engineered backend API endpoints and database schemas to handle new organizations, users, and tickets.
  - Improved frontend responsive UI and navigation sidebar animation using bootstrap and custom CSS.
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**Free Code Camp | Software Engineer, Core Team | San Francisco, CA | [live](#) | [code](#)**

**2016**

*In-browser test module for developing the React & Redux challenges for the Free Code Camp curriculum expansion.*

- Designed over 75 React and Redux challenges for the core curriculum expansion to be used by over 350,000 monthly active users of Free Code Camp.
  - Constructed platform to live render and test React and ES6 code in a browser utilizing Babel and Enzyme.
  - Wrote 300+ unit tests using Enzyme to live-test React components and Redux functions written by users.
  - Managed collaborative review process of 20 QA testers for all the challenges by creating contribution guide.
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**Firgon Outfitters | Web Developer + Co-Founder | Nashville, TN | [live](#)**

**2014 - 2016**

- Improved revenue generation by ~25% annually by developing e-commerce platform to showcase products, manage orders and inventory, and reach new customers using HTML5, CSS3, and third-party CMS.
  - Developed customized themes and styling of 10+ web based components using HTML5 and CSS3.
  - Created graphics for primary product line with open source image design software (GIMP and Inkscape).
  - Achieved sales goals of 300+ products to retailers across Nashville region by creating structured sales process.
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## - RECENT PROJECTS

**Quiz-it | Software Engineer | [live](#) | [code](#)**

**2016**

*Study app for a community of users to create custom quizzes and track their progress with a leaderboard.*

- Reduced HTTP requests to Node.js server by more than 75% by utilizing React-Router for frontend routing.
  - Architected RESTful API using Node.js and Express to persist user quizzes and scores with MongoDB.
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**FCC Dungeon Crawler Game | Software Engineer | [live](#) | [code](#)**

**2016**

*Retro-style in-browser game designed to emulate console dungeon-crawler games from times long past.*

- Increased user engagement to 2000+ players by creating thematic UX using JavaScript, HTML5 and CSS3.
  - Improved code readability and maintainability by following object-oriented and React design principles.
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**Pictur | Software Engineer | [live](#) | [code](#)**

**2016**

*Image sharing full-stack JavaScript web app that lets users link to images and browse images shared by other users.*

- Reduced codebase and improved app maintainability by employing Redux for frontend state management.
  - Implemented single sign-on authentication using Node.js Passport middleware to facilitate user experience.
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## - EDUCATION

**B.S. Biochemistry, The University of Tennessee, Knoxville**

**2014**

**B.A. Anthropology, The University of Tennessee, Knoxville**

**2014**

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## - LEADERSHIP + AWARDS

**President & Fundraising Director, UTK Habitat for Humanity Campus Chapter**

**2012 - 2014**

**Phi Beta Kappa Inductee, The University of Tennessee, Knoxville**

**2013**