Bailey Jones

Software engineer with strong expertise in front-end development with React and Redux, as well as familiarity with Node and Node Express. Well organized, skilled communicator, enjoys collaborating with designers, customers, testers, and product managers to craft the best possible user experience. Passionate about sharing knowledge and promoting agile development as part of a cross-functional team.

Work Experience

IBM Hybrid Cloud – API Connect

Staff Software Engineer   Dec 2017 to present

- Worked with the design team to lead delivery of a product refresh to rebrand APIC plugin pages from IBM Bluemix to IBM Cloud.
- Improved ui performance by decreasing page load times, improving usability for tablet and mobile, and addressing cross-browser issues.
- Received a Distinguished Mentor Award for outstanding leadership in Hybrid Cloud.
- Integrated Segment into APIC's cloud offering, allowing new insights into user data.

Software Engineer   Aug 2016 to Dec 2017

- Refactored approximately 20,000 lines of Angular 1 to React.js with Redux and Redux-Thunk in order to improve maintainability and provide better integration with other microservices the product consumes.
- Standardized product look and feel by introducing Carbon Components React to the codebase and contributed fixes back to Carbon's open source project.
- Developed internal component libraries, packaged them with npm, and released with Travis CI pipeline tools.

Technologies

Strong experience in Webpack, Node and Node Express, Angular 1, React, Redux, Redux-Thunk, Sass, CSS3 and CSS animation, Sass, Stylus, Git and Travis, HTML5 and Pug, agile development, and design thinking.

Education

UNC Chapel Hill

Masters of Science in Information Science   May 2016

- Master's paper research published in ACM/IEEE Joint Conference on Digital Libraries 2017 poster section as *Exploring Salient Thumbnail Generation for Archival Collections Online.*
- Susan Grey Akers Fellowship, Scottie W. Cox Memorial Scholarship

BS Information Science, American Studies   May 2014

- Phi Beta Kappa, Honors Carolina, Highest Honors in American Studies

Volunteer Work

Girls Who Code   2017 to present

Co-founded a Girls Who Code Club that meets weekly at the Brentwood Boys and Girls Club in Raleigh. Introduces girls to basic computer science concepts through MIT's educational programming language Scratch, design thinking, and developing, testing, and iterating on a project of their choice.