

Christin Lepson

Education

University of Maryland – Software Development and Web Technology, B.S. (4.0/4.0 GPA)
Coursework: Software Security Testing, Secure Software Engineering, Cloud Computing, Web Application Development, Object-Oriented Design, Web Application Security, Database Design

December 2017

Technical Skills

Languages: JavaScript (fluent), SQL (fluent), CSS (fluent), HTML (fluent), Java (fluent), PHP (prior experience)

Libraries/Frameworks: jQuery, React/React.js, Express

Databases: Oracle, MySQL, SQLite, MongoDB

Other: Git, SASS, Photoshop, Mobile First Responsive Design, gulp.js, Webpack

Project Experience

React Weather App, JavaScript/CSS/HTML/React - github.com/christinlepson/react-weather-app

- Created a responsive user-interface using the React library, JavaScript, and CSS.
- Leveraged HTML5 Geolocation to retrieve the user's current location coordinates.
- Fetched forecast data from Dark Sky's weather API using Axios and the user's current location.
- Incorporated a third-party library and React refs to display weather icon animations.

Web App Dashboard, JavaScript/CSS/HTML - github.com/christinlepson/Web-App-Dashboard

- Developed a front-end Web interface from a design mockup using JavaScript, HTML, and CSS.
- Integrated a JavaScript library (graph.js) to present data visualizations.
- Constructed a search component with autocomplete using JavaScript and jQuery.
- Implemented mobile-first design to ensure that the user interface is properly rendered for all screen sizes.

Custom HTML5 Video Player, jQuery - github.com/christinlepson/Custom-HTML5-Video-Player-with-Skin

- Translated a UI mockup into a custom-skinned HTML5 video player using JavaScript and jQuery.
- Implemented functionality for video scrubbing, play/pause, mute/unmute, and full-screen features using jQuery.
- Provided accessible video captions for hearing-impaired users which are highlighted at playback time.

Refuge Restrooms, Java/Android - github.com/RefugeRestrooms/refugerestrooms-android

- Provided functionality pushed to production in the Google Play Store.
- Contributed to open source software using Git/GitHub to fix application issues.
- Created a location search feature that leverages Google Geocoding services.

YourBudget, Java - github.com/christinlepson/YourBudget

- Lead a team of fellow students to develop a JavaFX application.
- Collaborated in a team development environment using Slack and Git/GitHub.
- Designed and implemented a relational database with SQL along with logic for CRUD operations.
- Mentored a teammate in the use of version control via Git/GitHub.
- Prepared weekly documentation for team's development progress and feature implementations.

Work Experience

Software Development and Graphic Design Freelancer

October 2017-Present

- Optimized Web content for speed by minifying scripts and stylesheets and converting images to SVG format.
- Created original graphics and event flyers using Adobe Photoshop, Adobe Illustrator, and Sketch App.
- Made effective use of troubleshooting skills to resolve client's concerns and improve user interface design.