Arsalan Sadri

https://www.youracclaim.com/user/arsalan-sadri

BIO: Software Engineer

React.js

Issued by: UCI Division of Continuing Education
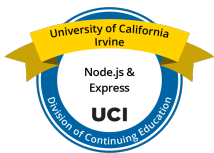
Issued on: 30 October 2018

The earner of this badge has completed a course of study focused on React.js through the Coding Boot Camp. The earner is able to use the ReactJS library to create interactive user interfaces and full-stack applications by connecting ReactJS with Node.js, Express, and a MongoDB database.

Skills

Coding, JavaScript, MongoDB, React.js, Web Development

Criteria

• Create a full-stack ReactJS application that will let users play a memory game. The game should manage component state, respond to user events, and change the user interface.

• Create a React application that will let users search a MongoDB database of articles and allow users to save articles to read later.

Node.js and Express

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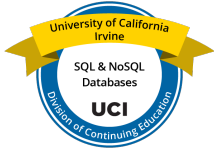
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The earner of this badge has completed a course of study focused on Node.js and Express through the Coding Boot Camp. The earner has enhanced his/her JavaScript skills and can work with Node.js, a runtime environment for JavaScript. The earner has explored topics such as callbacks, class constructors, and object-oriented programming. The earner is able to use the Express framework to link the back-end and front-end of their applications to create full-stack applications.

Skills

Coding, JavaScript, Node.js, SQL, Web Development

Criteria

• Create a command line application that serves its users data from Twitter, Spotify and IMDb.com.

• Create a word guessing game using JavaScript constructor functions.

• Create a full-stack Express application that matches users based on the results of a personality quiz.

• Create an application that lets users submit and "devour" different kinds of burgers with MySQL, Express and Handlebars.

SQL and NoSQL Databases

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The earner of this badge has completed a course of study focused on SQL and NoSQL databases through the Coding Boot Camp. The earner understands how data is stored in relational and non relational databases, SQL and MongoDB. The earner is able to query and modify databases, and can connect databases to the front end to create a full stack application. The earner has created a custom ORM and learned to use existing ORMs, like Sequelize and Mongoose.

Skills

Coding, Databases, MongoDB, NoSQL, SQL

Criteria

• Create a series of MySQL and Node powered interfaces that mimic the operations of an online store.

• Create an application using popular ORMs by using Sequelize queries, models, and associations.

• Create an application that scrapes articles from a news outlet of your choice, saves the stories in a MongoDB database, and lets your application's users save and comment on them.

JavaScript and jQuery

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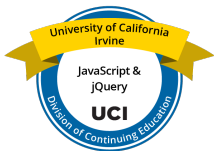
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The earner of this badge has completed a course of study focused on JavaScript and jQuery through the Coding Boot Camp. Utilizing the basic components and functions of JavaScript and jQuery, the earner understands how to make websites responsive to interaction, use timers, and update content. The earner is able to work with APIs, JSON and AJAX in order to update website content from an outside source. This earner has also been exposed to client-side storage and remote data management.

Skills

AJAX, API, Coding, JSON, JavaScript, Responsive Design, Web Development, jQuery

Criteria

• Create one of two games: a game that picks a letter and the user must enter the corresponding key, or a game that selects a word and the player must guess the answer letter by letter.

• Create one of two games: a game where players select the correct sequence of in-game images, or a role-playing game where players choose a character and battle with computer-controlled opponents.

• Create one of two quiz applications: a single page trivia game that the player must complete before time runs out, or an application that presents questions one at a time along with timers, music, and sound effects.

• Create an application that populates a web page with animated images based on user input.

• Create one of two applications: an application where users can enter train station information and find out when the next train arrives, or an application where two players on separate machines can battle each other in a rock-paper-scissors game.

HTML / CSS

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The earner of this badge has completed a course of study focused on HTML and CSS through the Coding Boot Camp. The earner understands the basics of static front-end web design using HTML, CSS, and Bootstrap. The earner is also capable of working with mobile responsive practices, media queries, and can deploy web applications.

Skills

Bootstrap, CSS, HTML, Responsive Layouts

Criteria

• Create two portfolios with responsive layouts, one using Bootstrap, and the other using media queries.

• Create a full-fledged portfolio site with HTML and CSS or wireframe a portfolio site using basic CSS rules and HTML markdown.