Kevin O'Shea

Software Engineer

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Skills

Programming Experience: Java, JavaScript, HTML, CSS, C, Handlebars, Ruby, Object Oriented Programming, Big O Efficiency, React, Mongo, Mongoose, Rails

Experience

Software Engineer Immersive Graduate   **Jan - April 2019**
General Assembly
- Attended Software Immersive 12+ week program, with more than 400 hours programming experience
- Created API's using Express and Rails, including new routes
- Created and updated applications using JavaScript and Ruby
- Worked with three other Software Engineers to create an application using mob and pair programming, including virtual communication
    Projects Included:
- **Hangman** - built using JQuery, Ajax, JavaScript client, and Rails API.
    - Allowed user to CRUD a database of words, and randomly select a word from the word bank
    - Updated correct letters realtime, and displayed correct word if use lost

- **Hangouts -** built using JQuery, Ajax, JavaScript client, and Express, Mongo, and Mongoose API
    - Allowed user to CRUD events that the user owned
    - Allowed user to RSVP and UnRSVP to all events
    - Displayed all current events with click model to display necessary information

- **React(ion)** - built using React client, and Express, Mongo, and Mongoose API.
    - Allowed user to CRUD on games, a resource that keeps track of scores of games played
    - Display and animated falling blocks that update a games score based on a click event. Block then changes color and cannot be clicked until next cycle
    - After game over, updated and displayed a leaderboard of scores, complete with usernames

Lead Teacher   **June - July 2019**
Fleming Camps
- Lead in teaching Middle School students ideas in Computer Science
- Taught good coding practices, creative and linear programming, bug fixing, basic loops and if statements
- Chaperoned students around campus, led outside activities such as soccer or capture the flag.

Lead T.A / Teacher   **June 2013 - August 2018**
Zero Robotics, LEAP4ED
- Assisted in teaching Middle School Students ideas in Computer Science
- Led and developed computer programming coursework with best practices
- Designed and operated activities, as lead chaperone
- Assisted and taught Teaching Assistants how to best teach students

Education

Stony Brook University, Stony Brook NY   **September 2017 - May 2019**
Computer Science
Relevant courses: Object Oriented Programming, Data Structures, Calculus 1, Calculus 2

St. John's Preparatory School, Danvers MA   **May 2017**