

# Kevin O'Shea

## Software Engineer

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### Skills

**Programming Experience:** Java, JavaScript, HTML, CSS, 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 500 hours programming experience

#### **Projects Included:**

- **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
- **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
  - Worked with three other Software Engineers to create an application using mob and pair programming, including virtual communication
- **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 user lost

#### **Lead Teacher**

**June - July 2019**

Fleming Camps

- Lead in teaching Middle School students foundations in Computer Science
- Taught industry coding practices, creative and linear programming, debugging, basic loops and if statements
- Chaperoned students around campus, led outside activities such as soccer and capture the flag.

#### **Teacher**

**June 2013 - August 2018**

Zero Robotics, LEAP4ED

- Taught Middle School Students fundamentals of Computer Science
- Led and developed computer programming coursework with best practices
- Designed and operated activities, as lead chaperone
- Led and instructed Teaching Assistants how to best teach students

### Education

#### **Stony Brook University, Stony Brook NY**

**September 2017 - May 2019**

Coursework in Computer Science

**Relevant courses:** Object Oriented Programming, Data Structures, Calculus 1, Calculus 2

#### **St. John's Preparatory School, Danvers MA**

**May 2017**