

Kevin Lin

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Projects

A Maze Thing (<https://github.com/kirby-s-keystones/A-Maze-Thing>)

Member

- Created a cross platform augmented reality maze game with React Native, Express JS, PostgreSQL, and ViroAR.

Athletipal (<https://github.com/klin4744/Athletipal>)

Owner

- Created a web application using Posenet that uses body mapping technology and energy calculations to estimate calories burned from movement in real time through a webcam.

Book Worm (<https://book-worm-kram.herokuapp.com/>)

Member

- Created an ecommerce website featuring guess carts, user carts, route protection, orders, authentication, and checkout in an AGILE environment using React, Redux, Node, Express, PostgreSQL, and Travis CI for continuous integration.

Pulsepad

Software Lead

- Created a proprietary noise cancellation algorithm that could differentiate between actual EKG data and noise such as pressure or light gradient changes in Arduino and Java
- Created a CRUD application with a progressive web app using React JS, Node JS, MongoDB, and Express JS that could acquire patient heart rate data in real-time

Work Experience

Kaplan

Pre-college Instructor

2017-06 – 2019-12

- Taught SAT and ACT to classes of ten to twenty students
- Met in teacher conferences and helped designed coursework and teaching approaches

Stony Brook RFC

Fitness Maintenance Monitor

2016-12 – 2017-06

- Promoted on campus activities such as Zumba, recruiting sixty students within two months

Skills

Fluent in Javascript, Node, Express, React, Redux, HTML5, CSS Flexbox/Grids, and React Native
Intermediate in Java, Matlab, SQL, PostgreSQL, MongoDB, Mongoose, Jasmine, Chai, Mocha, Git, D3, and HelmetJS

Education

Free Code Camp (<https://www.freecodecamp.org/klin4744>)

Fullstack Software Engineering Certification

2017-01 - Present

- Completed 1200+ hours of coursework focused on full-stack JavaScript technologies such as ReactJS, Bootstrap, ExpressJS, MongoDB, Mongoose, HelmetJS, and D3.
- Certified in Responsive Web Design, Front-end Frameworks, Data Structures and Algorithms, Data Visualization, and Backend Technologies

Fullstack Academy of Code

Software Engineering Immersive

2019-05 – 2019-09

Stony Brook University

Bachelors of Engineering and Applied Sciences in Biomedical Engineering

2015-09 – 2019-05