KYLE S. GREENE

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SUMMARY

Web Developer specializing in full-stack development. Experienced with all phases of web development using AGILE methodologies. Well versed in Javascript, MySQL and frameworks. Expert at working in a team setting along with leading teams.

OBJECTIVE

To transfer my domain knowledge from 10 years of teaching Computer Science to secure a position as a full-stack/front-end web developer.

APPLICATIONS

Fridge, Software Engineer
fridgeapp.xyz, https://github.com/kylegreene/fridgeapp
Task management for houses and friends.

- Designed and implemented the authentication system using React/Redux and Passport.Js.
- Refactored front end views to be styled using Material UI.
- Served as the Scrum Master for the team, working with the product owner to ensure a quality application.

Hang, Software Engineer
Hangnyc.herokuapp.com, https://github.com/kylegreene/jestCause
A way to get in touch with friends to hang out at unique, user curated events

- Developed the splash view by using Flexbox, Bootstrap and AngularJS modules
- Created new routes to improve the flow of data from server to client by using Express.js and Node.js
- Wrote unit tests using Selinium.js for the functionality of front end views.
- Served as the Scrum Master for the team, working with the product owner to ensure a quality application.

FreeBy, Back-End Developer
Freeby.herokuapp.com, https://github.com/kylegreene/lookOUT
A solution to finding free, fun events in your area

- Established a server using Express.js to modify and clean data presented via the EventBrite API
- Constructed the authentication strategies for login using Passport.JS on the server side

CalTrack, Software Engineer/Product Owner
Github.com/kylegreene/kylegreenemvp
Your personal food diary to keep track of your daily nutritional consumption
- Designed the client side of the application using BackBone.js, CSS, HTML and Bootstrap
- Integrated the Nutritionix API to fetch nutritional data for food items

PROFESSIONAL EXPERIENCE

Math Teacher
2016
St. Andrew's Episcopal School- Upper School Computer Science
- Instructor for Object-Oriented Programming in Java using Java 7 to High School Students.
- Lead a group of seven teachers through training for integrating technology in the classroom over one semester

Math Teacher
2013 – 2015
The Ramaz School- Upper School Computer Science
- Instructor for Object-Oriented Programming in Java using Java 7 to High School Students(AP Computer Science)
- Instructor for a course in Data Structures and Algorithms in Java to advanced high school students.
- Created a new course in robotics using Arduino and Raspberry Pi.

Math Teacher
2011 – 2013
Convent of the Sacred Heart- Upper School Computer Science
- Instructor for Object-Oriented Programming in Java using Java 7 to High School Students.
- Member of the Diversity Council which comprised of students and teachers addressing diversity in the school community

EDUCATION

Advanced Software Engineering Immersive Program
2017
Hack Reactor

M.Ed in Educational Leadership
2011
Tennessee State University

Coursework towards a MA in Economics
2007
Central Michigan University

BS in Applied Mathematics
2011
Oakland University

Relevant Courses: Calculus 1-3, Linear Algebra, Object Oriented Programming(Java) I&II, Theory of Computation, Applied Prob and Stats, Differential Equations, Discrete Math, Number Theory, Mathematical Statistics I, Time-Series Econometrics, Economic Forecasting, Mathematical Economics.

TECHNICAL SKILLS

Strong: JavaScript/ES6, Node/Express.JS, HTML, CSS, jQuery, AngularJS,React/Redux, MySQL, MongoDB, Git, Grunt.JS
Experienced: Mocha, Chai, Protractor, Selinium, D3.JS, AWS

PERSONAL

Ask me about my aspirations to become a professional snowboarder!