Kevin Ross

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SUMMARY   As a software developer coming from the youth development/education sector, I bring a unique mix of interpersonal skills and quick, creative problem solving. My previous experience has enabled me to work with many different personalities and collaborate with anyone effectively. I thrive in a team oriented environment and love to find new solutions to complex technical problems.

PROJECTS

Splitcash (Ruby on Rails, React, Redux, HTML5, Postgres, and CSS3)   **Live Site | Github**
A full-stack single-page Splitwise clone where users can keep track of expenses between friends and money they owe or are owed
- Created an intuitive interface for transactions CRUD utilizing React/Redux, ActiveRecord, and the Postgres Database, allowing users to easily add, edit, and remove bills from their account.
- Utilized React components for seamless transitions and a dynamic and responsive user experience.
- Incorporated the React-Router-DOM to implement easy navigation between components and modals and ensure the correct components are quickly rendering.

Volunteerist (MongoDB, Express.js, React, Redux, Node.js, HTML5, and CSS3)   **Live Site | Github**
A full-stack single-page webapp where users can offer their time for local volunteering, request volunteers, and track volunteer statistics.
- Designed and created all React components as the frontend-lead of a four-person team, ensuring only necessary data was passed through and utilized lifecycle methods to ensure quick responses from user input.
- Applied the Git workflow to collaboratively work with three others on the frontend while teammates engineered other aspects of the project.
- Assisted with modification of backend routes and validations to ensure proper data is sent and received from the backend.

MazeR (Javascript, HTML5, CSS3, and Canvas)   **Live Site | Github**
A frontend web app game featuring a custom built maze and varying physics modifications from level-to-level.
- Designed a complex maze game map using HTML5 Canvas and JavaScript where users navigate through a maze.
- Developed a dynamic physics environment using JavaScript where the directional gravity changes between levels.
- Created a custom collision detection algorithm to work with a tile-map 2D environment. The system checks if the next move in a direction will result in a collision, and if it does, does not allow movement in that direction.

EXPERIENCE

App Academy San Francisco, CA   June 2020 - Sept 2020
Software Developer - Student
- Completed multiple full-stack and frontend projects on-time while working with a deadline, which enhanced my skills in project planning and time management.
- Participated in 500+ hours of pair programming and whiteboarding, and developed skills to collaboratively solve complex problems.
- Achieved top 10% of the class and regularly helped others debug projects, review code, and come up with technical solutions.

Boys & Girls Clubs of Sonoma-Marin Santa Rosa, CA   May 2014 - May 2020
Program Director
- Lead a team of 5 in the facilitation of afterschool programs and summer camps for 150 - 200 youth.
- Maintained positive relationships with youth, parents, and school staff, ensuring conflicts were quickly resolved, leading to a much improved relationship between our Clubs and the schools.
- Spearheaded a new training program for new staff, resulting in higher employee retention and more successful Clubs.
- Developed and incorporated new STEM programming into curriculum, which resulted in Members developing a stronger interest in STEM activities.

Youth IMPACT Assistant   Sept 2013 - May 2014
- Developed a supply checkout system to accurately keep track of all supplies used for 30+ Clubs.
- Maintained company website to keep it updated with relevant information and to be visually appealing.

EDUCATION

App Academy   San Francisco, CA   June 2020 - Sept 2020
- Graduated from the highly selective and rigorous App Academy program with a great foundation in full-stack web development.

Sonoma State University Rohnert Park, CA   2006-2011
- Graduated magna cum laude with a BA in Psychology