Kwasi Amanfi

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Linkedin | Github

SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL, Postgresql,Node/Express, Git, HTML5, CSS3

EDUCATION

Inclusion - Accelerator program covering unit/acceptance testing, dev-ops and OOP.   (August 2019)
App Academy - Immersive software development course with a focus on full stack applications (April 2019)
CUNY @ Brooklyn College - *BS - Computer Science*   (Dec 2018)

PROJECTS

THISCORD - *React, Redux, JavaScript, and Rails*   Live Site | Github
A Discord clone that allows users to create and join servers to chat.

- Implemented Live Chat feature by using Rails Action Cable to incorporate Websocket Protocol allowing for real time bidirectional data transfer.
- Designed backend logic to display messages by using strftime library to parse and compare the Active Record timestamp and, depending on the time difference, either appending messages to the previous message block or creating a new message block.
- Incorporated custom route to facilitate instant server subscription, allowing users to invite and join servers using a server code.

ESCAPE FROM TEUTOBURG - *HTML5 CSS3*   Live Site | Github
A bullet hell inspired game built using JavaScript Canvas

- Devised a collision algorithm for the player by iterating through all enemies and checking for overlapping bounding boxes.
- Incorporated a custom method to cache sprite images via memoization, preventing images from reloading on game restart.
- Procedurally generated positions of enemies using random number generator to make each level of the game unpredictable on consecutive playthroughs.

EXPERIENCE

Software Developer-Technical Instructor
APP ACADEMY   May 2019 - Present

- Conduct rigorous technical interviews for software engineering applicants evaluating algorithmic aptitude and logical problem solving in a variety of languages (JavaScript,Python, Ruby, and Java).
- Assess the applicant's ability to collaborate with fellow programmers and perform well under high-stress conditions.

Garnishment Specialist
OFFICE OF NYC MARSHAL STEPHEN BIEGEL   September 2017 - Dec 2018

- Monitored database in proprietary software (IPE SYSTEM) created for NYC Department of Investigation to create, track and prepare court ordered levies with values of over $4,000,000.00.
- Trained and oversaw a team of four garnishment specialist trainees to use the IPE System.
- Negotiated with financial institutions to enforce New York Civil Practice Law and Rules (**CPLR**), to facilitate the collection, by the Marshal's Office, of monies owed to judgement creditors on levies.

Programming Java/C++ Tutor
CUNY @ Brooklyn College   January 2016 - May 2016

- Tutored student in introductory programming concepts including logic, loops, and OOP.
- Reviewed student's projects, providing feedback on code structure and problem solving.
- Mentored student to achieve a passing grade in Introduction to Programming.