Viviene De Guzman

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SKILLS
Ruby, RSpec, Ruby on Rails, React, Redux, JavaScript, jQuery, SQL, HTML5, CSS3, Git

EDUCATION
App Academy   2018-2019
  Immersive 1000-hour software development course with <3% acceptance rate and emphasis on TDD, algorithms, coding style, and best practices
Stony Brook University - *Bachelor's of Engineering, Computer Engineering*   2013-2017
  Course Highlights: Introduction to Object Oriented Programming, Data Structures, Computer Science III

PROJECTS
2020 | *(MongoDB, Express.js, React/Redux, Node.js,HTML, CSS)*   **live** | **github**
A single-page application where users can receive information about people's attitudes towards political candidates
- Established foundation for user interface by using React to setup front end routes and to create and render components for user interaction
- Implemented update of results on new search by adding a search action to sentiments and tweets reducers for a smooth user experience
- Applied CSS properties to make the comments sidebar responsive to the screen size, dynamically changing its height and width

MediumRare | *(React/Redux, Rails 5, PostgreSQL, HTML, CSS)*   **live** | **github**
A clone of the website Medium, where users can read and post stories
- Utilized BCrypt to authenticate user login information in order to create a new session for the user
- Improved user experience by integrating a loader animation that displays conditionally based on whether data has been loaded or fetched from the database
- Used React to create modules for user stories with an image, a preview, and links to both the author's profile and post for ease of user navigation
- Kept code DRY by creating a single form for both signup and login pages and a modal to display both

Homenum Revelio | *(JavaScript, HTML, CSS)*   **live** | **github**
A Harry Potter themed puzzle game inspired by the game minesweeper
- Leveraged classes and object-oriented programming in order to have each object store its own information and handle actions upon itself
- Utilized asynchronous calls to set timers on squares with mines in order to reveal all mines in succession with 0.1 second intervals upon loss
- Created animated opening effect on squares by using a callback to clear and render rectangles of dynamically changing size

EXPERIENCE
Technical Instructor
App Academy   May 2019 - Present
- Provide guidance, feedback, and support to students on projects using JavaScript and the MERN stack and on topics including data structures and algorithms
- Conduct mock interviews and whiteboarding sessions to prepare students for an actual interview environment

VOLUNTEER
PUSO Choir Co-Director
Philippine United Student Organization (PUSO)   Nov 2015 - Dec 2016
- Prepared a 15 person choir for performance by coordinating practices and teaching Filipino and English songs
- Managed members by keeping track of attendance using Excel and being a point of contact for communication

Public Relations Officer
Institute of Electrical and Electronics Engineers (IEEE) Stony Brook   Aug 2015 - May 2016
- Advertised academic workshops and social and professional events to the Stony Brook University community via flyers and Facebook event pages