Charles 'Carlos' Neal Cruse

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PROJECTS

StarWarsbnb (React, Redux, Ruby on Rails, JavaScript, PostgreSQL, AWS S3)   [Live] • [GitHub]
An Airbnb clone which allows users to have full reservation and review functionality
- Single Page Application designed in React, utilizing Redux to optimize information flow within React components
- Deployed RESTful API routes with Ruby on Rails for frontend-backend communication
- Constructed PostgreSQL database tables using Active Record ORM migrations
- Implemented Active Record ORM models to validate newly added data, build associations across database tables, and keep platform-wide data consistency
- Integrated Amazon S3 data storage to Active Storage for uploading and retrieving assets

Benchwarmers (MongoDB, Express, React, Redux, Node.js, JavaScript, Google Maps)   [Live] • [GitHub]
A sport-focused social web app used to create and join local sporting events
- Reviewed and corrected non-relational data validation, API routes, and models for MongoDB database
- Assisted in designing Express back-end API routes to ensure platform-wide consistency from user interaction
- Implemented client-side form validation using JavaScript and Redux to manage complex state changes and provide feedback to users during input
- Leveraged JavaScript to manipulate Google Maps API allowing users to use point-and-click or text autocomplete features to geocode locations of user created events
- Employed GitHub's version control process to update code and efficiently collaborate with team members

Whack-A-Bara (JavaScript, HTML/CSS)   [Live] • [GitHub]
A Whack-A-Mole styled game built purely in vanilla JavaScript
- Applied event listeners and HTML object manipulation in JavaScript to detect user interactions and update game
- Developed custom animations and transitions using CSS for improved visual experience
- Established a scoring system and timer functionality to enhance the gameplay experience

EXPERIENCE

New Oriental Education *Shanghai, China*   10/2020 – 05/2022
English Teacher
- Consistently improved presentations, being the only employee of 10+ newly hired teachers who required no training
- Chosen among a group of 20 teachers to develop and present workshops to expand to new clientele
- Hosted workshops of 50+ college-level students, securing contracts with their schools for future events

Accenture *Arlington, VA, USA*   09/2017 – 09/2019
Management Consulting Senior Analyst
- Created and delivered financial analytic reports and assisted in transitioning reporting duties to client
- Assisted in creating routine communication material sent to client leadership and 1000+ employees
- Used creative writing skills to write a guide for new Project Managers on client account
- Performed market analyses to capture market size, competitor share, and identify potential entry points
- Developed survey tool by meeting with clients to gain insight on requirements and desired functionality, testing and executing code, and updating tool for new versions

EDUCATION

App Academy *New York, NY, USA*   01/2023 – 04/2023
Web development bootcamp with a 1000-hour curriculum

Virginia Polytechnic Institute & State University *Blacksburg, VA, USA*   08/2014 – 05/2017
Bachelor of Science in Finance and Management

Old Dominion University *Norfolk, VA, USA*   08/2012 – 05/2014

SKILLS

- Fluent in English, Spanish
- Programming: React/Redux | JavaScript | Ruby on Rails | PostgreSQL | MongoDB | HTML | CSS
- Analytics: Excel, Access, VBA, Tableau, PowerBI