William Corona

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SKILLS

JavaScript, React, Redux, HTML, CSS, SASS, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, NPM, TDD, OOP, Data Structures and Algorithms, GitHub, software development, project management, AWS, relational databases, REST APIs

PROJECTS

NY Table   Live Site | Github

An OpenTable inspired application using: Rails, PostgreSQL, JavaScript, React/Redux, HTML5, CSS3, AWS, Google Maps API

- Integrated Amazon AWS S3, a web service interface, to provide object storage for photo attachments in rails database.
- Implemented Protected Routes preventing unauthorized access to user data using REact.
- Customized Rails JSON payloads using Jbuilder, minimizing API calls to server, ensuring smooth navigation between pages.

Litterbug   Live Site | Github

A JavaScript arcade-style game using: JavaScript, HTML5, Canvas, CSS3

- Built an object oriented class system for all moving objects, all units are built upon this class, allowing for quick feature implementation and customization.
- Created a collision detection system to manage outcomes for all interactions between game objects, this allowed me to implement game logic and design player outcomes.
- Developed a system using document listeners and game state to conditionally apply user input by checking if the action the current user input would do is an allowed action.

InDevView   Live Site | Github

A online tool to simulate live technical interviews : Mongo, Express, React / Redux, Node, AWS, HTML5, CSS3, Socket.io

- Designed and implemented a platform for data structure & algorithm Javascript problems of varying difficulty, allowing users to simulate technical interview experience in real time.
- Integrated Socket.io, a websocket framework, facilitating real time communication between users.
- Implemented Monaco Code Editor allowing users to collaboratively code together and execute test cases.

EXPERIENCE

Broker Associate

Tradition Energy, June 2019 - Nov 2021

- Oversaw multiple concurrent financial transactions for companies like Chevron, BP, Shell on contracts often valued over $1M dollars.
- Communicated and coordinated with a team ranging from 5 to 25+ brokers and traders.
- Develop and maintain client data sheets, allowing operations teams to communicate more efficiently with clients.
- Oversaw & documented all aspects of the specific transaction worked on to guarantee promptness and accuracy, delivering confirmations to brokers and institutional clients within 15 minutes of deal confirmation.

Business Development Representative, Teacher

Real Brave Audio, Sep 2019 - June 2019

- Researched and developed a customer base using in-house progress tracking software, keeping clients engaged with student progress and goals.
- Maintained and organized client contracts, oversaw payroll operations for rapidly expanding business with multiple locations across New York and New Jersey.
- Collaborated with a team of managers and instructors to facilitate persistent growth and client satisfaction.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (May 2022)

- 1000-hour full stack development intensive course with a <3% acceptance rate
- Topics include: TDD, scalability, algorithms, OOP, REST, security, single-page apps

Fordham University - *BS - Economics*   (Spring 2018)