

SEBASTIAN MENDO

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Rails, Javascript, Node.js, HTML, CSS, SQL

PROJECTS

PEERSPACE (Rails, ReactJS, Redux)

[live](#) | [github](#)

Fullstack pixel perfect clone of Peerspace where users can rent places for events.

- Integrated Google API's, using maps and geolocation, to display a marker for the rentable location along with the latitude and longitude when it is created.
- Implemented Active Storage using Amazon Web Service (S3) to store images of the user rentals and his/her profile picture, in order to reduce the load on the server.

CHIMP CASINO (MongoDB, ReactJS, Express, Node.js)

[live](#) | [github](#)

Multiplayer casino game

- Employed Phaser to design the main floor. This allows us to implement the movement of the different characters that can be in the same lobby and manage the collision with the different games and the leaderboard.
- Incorporated socket.io as a server to create or join an existing lobby and display all the players. At the same time every action that the player does in a game is displayed in the chat of the game, we accomplish this by emitting to the correct socket.
- Used pure Javascript for dynamic animation of the slot machines, making spin and stop after a few seconds.

BASKETBALL RUNNER (Vanilla JavaScript, Webpack, Canvas)

[live](#) | [github](#)

Infinite runner game

- Integrated HTML5 using Canvas to generate the environment of the game.
- Used sprite sheets to animate the move of the main character.
- Created an invisible hitbox for the main character and the obstacles to determinate the collision between these two and display the game over.
- Applied moving effects using canvas giving direction to objects every second to move the foreground and the obstacles.
- Integrated Firebase database to keep track of the highest scores registered on the game.

EXPERIENCE

INFORMATION TECHNOLOGY INTERN

General Motors

Sep 2017 - Mar 2019

- Implemented a VBA application for Human Resources, in order to help them to have a better control of the employee vacations. This application helps on the lookup time for information that was stored and has a friendly user interface.
- Managed providers, participated in meetings and arrangements.
- Prepared computers for each user: USB preparation, installation.
- Configured and delivered corporate cell phones.

OPERATIONS INTERN

Pacífico Seguros

Feb 2017 - Jun 2017

- Created an automated macro on excel that reduces the invoice process from 5 hours to a couple of minutes.
- Registered suppliers, negotiable and reinsurance invoices.
- Issued refunds, cash, notes, deliveries and pay. Requested management checks.

EDUCATION

INDUSTRIAL AND SYSTEM ENGINEER BACHELOR DEGREE - Piura University - Lima - Peru | 2013 - 2019

Web Development - App Academy - San Francisco - USA | Winter 2019