

Joshua Villacorta

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Education

The University of Georgia

Bachelor of Science, Computer Science

May 2020

Athens, GA

Projects

Face Recognition App

- Developed a React web application that detects faces inside any image URL the user submits
- Fetched data from the Clarifai API's Face Detection Model to draw a box around the detected face
- Implemented a RESTful API back-end with Node and Express and a PostgreSQL database that safely stores and keeps track of user login information

Spotify Lyric Player

- Built a React music player that allows users to login with their Spotify account and play songs from their library with the lyrics displayed onto the screen
- Connected the client side to a back-end, coded in Node and Express, which connects to Spotify's web API, allowing for real-time search results and user authentication
- Lyric data was fetched from an API that searches Google for accurate lyrics to each song

Movie Booking Website

- Collaborated with a team of four individuals to create a full-stack movie booking website that allowed users to login and book movie tickets
- Led the front-end development side of the team and created a responsive, mobile-first user interface with Bootstrap and JavaScript
- Back-end was implemented with Java and user information was stored in a MySQL database

JS Calendar

- Created a web application where users can populate a calendar with event reminders
- Events are stored as objects and saved through JavaScript local storage
- Added more functionality by allowing users to edit or delete events already saved on the calendar

Work Experience

InterContinental Hotels Group

IT Asset Management Intern

May 2019 – Aug 2019

Atlanta, GA

- Collected and analyzed hundreds of corporate technological assets on the ServiceNow database
- Maintained and improved data integrity across all databases by querying for each employee and aggregated all necessary changes for review by management
- Implemented more efficient methods of collecting and organizing asset data using Microsoft Excel, which reduced over 90% of errors within the database, including duplicates and false data

Skills

Languages: JavaScript (ES6+), Java, Python, C++

Technologies: React, Redux, HTML5, CSS3/Sass, Bootstrap, jQuery, Git, Node, Express, MySQL, Postgres, Git, npm, Netlify, Heroku