

Joshua Villacorta

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Education

The University of Georgia

Bachelor of Science, Computer Science

May 2020

Athens, GA

Skills

Languages: JavaScript (ES6+), Java

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

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

Projects

Face Recognition App | [GitHub](#)

- Developed a React web application that detects faces inside submitted images using data fetched from the Clarifai API's Face Detection Model and draws a box surrounding the 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
- Employed security measures by encrypting user passwords with bcrypt and moving API key to the server

Spotify Lyric Player | [GitHub](#)

- 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

PictoGram | [GitHub](#)

- Designed a web-based image gallery with React that lets users store added images onto Firebase
- Created custom hooks that connected to Cloud Firestore and Firebase storage, listened for newly-added images, retrieved image URLs from the database, and outputted each image onto the user interface
- Designed user interface using Framer Motion components and animations

JS Calendar | [GitHub](#)

- Created a web application using JavaScript where users can populate a calendar with event reminders
- Events are stored as objects and saved through JavaScript local storage