Rodrick Victdeon Lankford

Website Portfolio: https://personal-website-e03c0.web.app

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Education:

Carleton College, Bachelor's in Computer Science   Northfield, MN | Sep 2019 – June 2023

Relevant Work Experience

SayKid - Software Development Intern   Remote| June 2022 – Sep 2022
- Created programs for the company's bot using JavaScript and applying concepts such as NLP and Machine Learning.
- Participated in code reviews to ensure high-quality code and followed test driven strategies to improve code performance..
- Learned new frameworks, such as DynamoDB and PHP, to help develop a web page that helps Saykid analyze their product's performance metrics and improve the user experience.

SayKid - Game Development Extern   Remote| Nov 2021 – Dec 2021
- Shadowed Saykid's CEO developing interactive games using natural language processing and Java.
- Participated in team meetings to discuss specific feature implementation, project timeline, and code debugging.
- Created and maintained the documentation for development processes and procedures.

Most Recent Work Experience

Amazon - Fulfillment Center Picker   Irving, Texas| Sep 2023 – Present
- Picked packages at a rate of 50+ boxes an hour to ensure customers receive packages on time and in good condition.

Carleton College - Student Work Study Staff Assistant   Northfield, Minnesota| Sep 2019 – June 2023
- Handled service requests regarding printing, documenting, editing, and organizing materials.
- Provided general support to staff members and assisted with special projects as needed.

Recent Projects (Please view my website portfolio for a more extensive list of projects.)

Razor Pages Movies Website | [JavaScript, HTML, ASP.Net, Visual Studio]   Aug 2023 – Present
- Used ASP.Net from the Visual Studio framework to develop a web app used to display and manage a database of movies.

Pictionary Website Game | [Socket.io, JavaScript, HTML, CSS, Github]   Sep 2022 – March 2023
- A full-stack website that utilizes Socket.io cloud integrations to facilitate communication between the website's client and server.
- Received incredibly positive feedback from the users and the audience it was presented to.

Evolution of Baseball | [JavaScript, HTML, Git, Observable]   May 2023 – June 2023
- Encodes data into plots, graphs, and charts that allow users to analyze and interpret targeted factors that have influenced MLB.

Computer Graphic Models | [C, Git]   Nov 2022 – Nov 2022
- This project contains several graphic models that use concepts such as mesh rendering and rasterization to create shadowing, camera lighting, and 3D/2D graphic effects.

Amazon-Clone | [Javascript, React, Github, Firebase, HTML]   Feb 2022 – Apr 2022
- First React website, still in Alpha, modeled to be identical to Amazon's 2022 website that supports login capabilities using Firebase auth, and checkout basket functionality that implements react reducer.

Olympics Data Website | [Javascript, Github, HTML, Python, MySQL, API]   Oct 2021 – Dec 2021
- Parses Olympic data from Kaggle using Python into usable formatting for search queries.
- Organizes and retries data using MySQL and REST API requests for end-to-end functionalities.

Relevant Activities and Volunteer Experience

The Avenue - IT and Web Development Consultant - (Volunteer)   Texas | Jul 2023 – Aug 2023
- Developed a responsive site using React for clients to enroll in the Talent Search program, which improved the efficiency of their application process by roughly 50%.
- Used technical expertise to advise The Avenue on finding ways to make overly complex processes automated and simplified.
- Documented code and processes for future reference.

Crowdoing - Automation Services, and Data Structures Program - (Volunteer)   Remote | Sep 2023 – Oct 2023
- Volunteer at Crowdoing, improving systems and developing technical solutions to environmental and health concerns.
- Determined ways to improve application tracking and integrated operations.

Vex Robotics Competition in Texas - Team Manager   Texas | Oct 2018 – Jan 2019
- Built a robot from scratch using wooden planks, copper wires, and Arduino to simulate a tool that marine engineers could use to gather waste in the ocean. Ran tests to improve code performance and coordinated communication between individual groups as team manager.
- Placed in the top 5% and recognized for our ability to produce a unique solution to our design constraints.

Proficient Skills: JavaScript, HTML, CSS, Python, REST api, Java, Socket.io, C++, C#, Git, GitHub, Linux, Ubuntu, React.JS, Visual Studio, Asp.Net, SDLC, SQL.