Rodrick Victdeon Lankford

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

 Dallas, TX   (972) 341-7772   lankfordr51@gmail.com   Rodrick12123

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 applied concepts such as NLP and Machine Learning.
- Did code reviews to ensure high-quality code and followed test-driven strategies to improve performance by roughly 20%.
- Learned new tools, such as DynamoDB, NoSQL, and PHP to help develop a web page that helps analyze 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 over 90% of the 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 received packages on time and in good condition.

Carleton College - Student Work Study Staff Assistant   Northfield, Minnesota| Sep 2019 – June 2023
- Provided general support to staff members and assisted with special projects as needed.

Recent Projects (Please view my website portfolio for a more comprehensive list of recent 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.

Cellular Automata | [C++, Github]   Jan 2023 – Jan 2023
- Generates a simulation that replicates John Conway's Spaceships Game of Life, which imitates cellular automata.

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.
- About 80% of the feedback received from the presented audience was incredibly positive and commendatory.

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 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.

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