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# TEMILOLU BADMUS

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## OBJECTIVE

Seeking Full-Time Software Engineering, Software Developer, or Software Analyst role for Summer/Fall 2024

## EDUCATION

### B.S. in Computer Science

The University of Texas at Dallas

May 2024

## TECHNICAL SKILLS

*Programming Languages:*

C++, C#, Java, Python, MIPS, Haskell, R Studio, HTML, JavaScript, CSS, MySQL

*Tools:*

GitHub(Version Control), RESTful API, Microsoft Azure, Scrum and Agile Methodology

*C++/Java:*

Created applications using user input/output, reading and writing data files, stack simulation, object-oriented programming (OOP), and functional programming.

*MIPS:*

Implemented stacks and registers to create applications involving sorting algorithms, user input/output, looping, and functions.

## WORK EXPERIENCE

**Software Engineer Internship at Newrez** | Microsoft Azure/Git/RESTful API | Coppell, Texas | Summer 2023

- *Role:* Undertook the role of Single Point of Contact (SPOC) for all Software Engineering teams for H2O Applications.
- *Management:* Coordinated weekly System Integration Testing (SIT) deployment, User Acceptance Testing (UAT) deployment, hotfixes, and pull requests.
- *Technology:* Exposed business calculations, from H2O Applications, as REST APIs to be consumed by the analytics department.
- *Technology:* Documented activities in H2O Foundation Sprints, monitored pipeline launches, accessed and utilized remote servers for manual repository merges.

**Software Internship at Senseye** | HTML/JavaScript/CSS | College Station, Texas | Summer 2022

- *Teamwork:* Collaborated with fellow interns on an application development project for Senseye.
- *Technology:* Developed an online diagnostics portal for healthcare providers (HCPs) using HTML, JavaScript, and CSS.
- *Technology:* Improved Software as a Medical Device (SaMD) by providing clean access to patients' data and a straightforward procedure for patient data entry.
- *Data Organization:* Utilized REST APIs to pull patient data and store in MySQL database to display on dashboard.
- *Research:* Analyzed and consolidated data, after conducting interviews with healthcare professionals, to enhance and streamline use of the diagnostics portal.

## PROJECTS

**NBA MVP Predictor** | Python/Pandas Library/Google Colab | [https://github.com/temibadmus/NBA\\_MVP](https://github.com/temibadmus/NBA_MVP)

- Ensured uniformity in player statistics, including points per game, rebounds, assists, and other pertinent characteristics, by cleaning and standardizing the large dataset of more than 500 players.
- Using the pandas library, divide the cleaned dataset into separate training and testing datasets.
- Achieved an accuracy of over 60% using the machine learning technique known as random forest regression with variable thresholds on datasets.

**InstaBook Tour Booking Site** | HTML/JSON/Nodejs | <https://github.com/temibadmus/tamuHack2022>

- Created the most efficient and easy way to allow people to schedule campus tours.
- Designed and developed a website for the Hospitality Club. Programmed the website using HTML, CSS, JavaScript, Nodejs, Expressjs, and bootstrap library.
- Implemented Google Cloud to host the website for public access.

**My Portfolio Website** | HTML/JavaScript/CSS | <https://temibadmus.github.io>

- Developed a personal website from scratch using HTML, CSS, and JavaScript to showcase my portfolio, skills, and achievements as a software engineer.

- Designed the website with a modern and user-friendly layout, optimized for search engines and responsive across devices.
- Utilized the website as a tool to stand out to potential employers and secure interviews and job offers from top technology companies in the software engineering industry.

**TO-DO List** | HTML/JavaScript/CSS | <https://temibadmus.github.io/todo.html>

- Designed and developed a dynamic and user-friendly TO-DO list website using HTML, CSS, and JavaScript, allowing users to create and organize tasks with ease.
- Implemented features such as drag-and-drop functionality and real-time updates, enhancing the user experience and creating a more efficient task management system.
- Demonstrated my proficiency in web development and front-end programming, as well as my ability to work independently and manage a project from ideation to completion.

**Steve Jobs Quote Generator** | HTML/JavaScript/CSS | <https://temibadmus.github.io/quotes.html>

- Conceptualized and developed an engaging and visually appealing website that displays inspirational quotes from Steve Jobs, using HTML, CSS, and JavaScript.
- Utilized my proficiency in JavaScript by implementing the Math class to randomly pull quotes from an array, providing users with a unique and dynamic experience.
- Demonstrated my knowledge of web development and front-end programming, as well as my ability to create functional and visually appealing websites.

## ORGANIZATIONS

**Member** | Artificial Intelligence Society (AIS), UT Dallas | January 2022 – Present

**Member** | National Society of Black Engineers (NSBE), UT Dallas | August 2022 – Present

**Member** | African Student Union (ASU), UT Dallas | August 2022 – Present

**Member** | Aggie Coding Club (ACC), Texas A&M University | Spring 2022

**Eagle Scout** | Boy Scouts of America (BSA) | 2014 – 2020