Adekoya Ibukun

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Targeting a full time job or internship in…

Software Engineering

- Experienced in object-oriented programming (OOP), testing, and debugging.
- Quick learner and quick adaptations to new environments.
- Experienced in data structures and algorithms.

Education

University of Maryland, Baltimore County, MD.

Currently pursuing a bachelor's degree in computer science, (96 credits/120 credits).

- Current Grade point average: 3.456
- Currently in my senior year, expected graduation date: Dec 2021 • Recently received a scholarship award from Cisco Security Business Group.

Courses completed:

- Principles of operating systems
- Design and analysis of algorithms
- Introduction to data science
- Computer architecture
- Statistics
- Computer organization and assembly language programming
- Linear algebra
- Data structures
- Intro to python and c++

Projects

- **School projects**:
    - o Using the FUSE system, I created a file system using C programming that supported most of the major file operations excluding the ability to create directories. o In the linux kernel, I created a mailbox system that supported creating, deleting, reading, and writing from the mailbox. Of course, I had to implement locking mechanisms to properly handle multi-threading.
    - o Created linear regression models, logistical regression model, naïve-bayes, market-basket analysis, and so many other models. o To review these projects alongside other school projects that I have completed, please contact me, as I am unallowed to post these projects on a public repository.

- **Personal projects:**

- A couple data structures created using core c++ functionalities. ○ A monopoly game created and executable in the linux shell. This application was created using the ncurses library and C language.
- Currently creating a linux terminal application that checks to see if a C file is valid. This program will check to see if lines that are supposed to end with semicolons end with semi-colons, also checks to see if the file has a correct syntax and has proper parenthesis (and every other opening and closing syntax).

    Currently creating this program using c++. ○ Created a very simple game of chess playable on a webpage using javascript, html, and css. ○ Currently creating a web application that allows users to create articles online, post them and get feedbacks from other users.
- To access my personal projects, please see my personal github account via the following link: https://github.com/ibukun-koyer?tab=repositories. Username: Ibukunkoyer.

Skills

- R programming.
- C++ and C programming.
- JavaScript, HTML, and CSS.
- Python.
- Node.js
- Express.js
- mongoDB
- leaflet.js