IFE OSIFALUJO

Computer Science Intern

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📍 Cold Spring, KY.

EDUCATION

Bachelor of Science in Computer Science
Electronic Media and Broadcasting Minor
Northern Kentucky University (Junior)
📅 05/2025

GPA
3.69 / 4.0

TRAINING / COURSES

Responsive Web Design
Freecodecamp certificate representing about 300 hours of work

Object-oriented programming
College course covering: Inheritance, Polymorphism, Encapsulation, Exception Handling, Recursion etc

Data Structures and Algorithms
College course covering: Big-O, dynamic programming, sorting algorithms, stack, queues etc

Android Mobile App Development
College course on understanding android app dev life cycle, and building with Kotlin and Android Studio resources

PROJECTS

Chutes and Ladders Board Game
📅 2023
C# - Pointers & Pointer Arithmetic
- This program simulates a two-player board game, where each player moves across the board (based on a dice roll). The first player to make it to the end of the board wins!
- An array of characters is used to represent the game board, while pointers serve as markers for the current positions of each player on the board. The progress of each turn is recorded in a file and a winner/tie is determined at the end.

Responsive Web Pages
📅 2023 - 2024
HTML/CSS & JavaScript
- **Technical documentation** page on **CPU Pipelines** and **Quantum Computing basics**, survey form, tribute page, product landing page, and a portfolio web page.
- **ROKU TV** Clone: recreated my tv home page.

American Football Game Predictor
📅 2023
C# - Pass by Copy/Address
- This program reads in the data of football teams competing in upcoming games from a file, and then uses the data to calculate matchup rankings. The rankings determine who is predicted to win and by how much.
- Each team has ratings (Offensive, Defensive, Special, Crowd noise) between 1 and 10, which are used to compute home team strength, visiting team strength, special teams' impact, and home field advantage.
- For each function, the integer and double parameters whose values are needed outside the function are passed by address, while those needed only for current output or computation are passed by copy.

True Crime Podcast
📅 12/2023
Based on *In Cold Blood* novel by Truman Capote
- Conducted an interview with a clinical psychologist and a neuroscientist at NKU using a "Shure SM7B" cardioid dynamic microphone and "Tascam DR-70D".

SKILLS

Programming languages
CSS   HTML   Javascript   Java   C#
C++   Python   Kotlin

Developer Tools
IntelliJ   Visual Studio Code   PyCharm
CLion   Github   Android Studio   AEM

Media
Adobe Premier Pro   Adobe Photoshop
Adobe Audition   Canva
Video & Audio Editing

Soft Skills
Adaptable   Dedicated   Resilient
Organized   Dependable

UNIVERSITY ROLES/WORK

Audio and Camera Operator
NKU ESPN CREW
Operate camera/audio for ESPN+ broadcast of NKU basketball, baseball, soccer, and volleyball games.

Resident Assistant
University Housing
Won Most Improved RA Award.

Peer Coach
Informatics Student Success & Advising Center
Support provided by team contributes to freshmen retention rate.

College of Informatics Ambassador
Northern Kentucky University
Speak in forums about my experience/opportunities at the college of informatics as a COI Ambassador.