

# Ife Osifalujo

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## Education

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Northern Kentucky University

Highland Heights, KY

Bachelor of Arts in Computer Science, Minor in Electronic Media and Broadcasting

Aug. 2021 – May 2025

## Training

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### Intermediate Object-Oriented Programming Concepts and Practice using JAVA

- Programming and debugging skills gained from covering topics such as: user input, decisions with conditional statements, Boolean logic, loops, methods, arrays, classes.
- Inheritance and Polymorphism, Exception Handling, Recursion, and Implementation of linked-lists, stack, and queues.

### Data Structures and Algorithms

Fall 2023

- Implement data structures of ordered and unordered lists, stacks, queues, priority queues, binary trees, hash tables and graphs/networks.
- Classify algorithm efficiency in terms of Big-O notation and use this to analyze various data structures and algorithms implementations including sorting algorithms.
- Understand and implement programs using dynamic programming.
- Implement sorting algorithms like Selection Sort, Bubble Sort, Insertion Sort, Merge Sort, Quick Sort, Heap Sort etc.
- Understand Graph and network representations and algorithms including breadth-first and depth-first traversals, minimum spanning tree algorithms and shortest path algorithms.

### FreeCodeCamp Responsive Web Design Certification

Jan. 2024

- The certificate represents about 300 hours of work, including the following responsive web pages: Cat photo app, cafe menu, registration form, Rothko painting, photo gallery, nutrition label, magazine, etc.

## Projects

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### Responsive Web Page Projects 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.

### True Crime Podcast

- A true crime podcast that researches the possibilities of committing murder with no motive.
- Recorded an interview with a clinical psychologist and neuroscientist at NKU with a Shure SM7B cardioid dynamic microphone and Tascam DR-70D.

## Experience

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**Audio and Camera Operator**, Northern Kentucky University ESPN Crew, Spring 2023 – Current.

- Worked in the production of 10+ live webcasts of NKU Athletic events on ESPN3 and ESPN+.
- Assist with streaming events that happen at NKU (e.g., GSE Summer Startup, Board of Regents Meeting).

## Technical Skills

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Languages: Java, C/C++, Python, HTML/CSS, and JavaScript

Developer Tools: Git, IntelliJ, Visual Studio Code, PyCharm, and Chrome Dev tools.

Media Editing Tools: Adobe Premier Pro, Adobe Audition, Adobe Photoshop, and Canva.

## University/Leadership Roles

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- College of Informatics Ambassador (January 2023-Present)
- Peer Coach for Information Student Success and Advising Center (Summer 2023 - Present)
- Resident Assistant (RA) (August 2022 – May 2023)
- Orientation Leader (Summer 2022)
- Freshman Service Leadership Committee (Fall & Spring 2021/2022)