

Nnamdi Kelvin Ikenna-Obi

nzi0007@auburn.edu | (334) 275-5814 | <https://www.linkedin.com/in/nkelvinobi/> | github.com/nnamdixobi

EDUCATION

B.S, Computer Science in Engineering - Auburn University, Auburn, AL.

January 2020 – December 2023

Relevant coursework: Introduction to Algorithms, Software Construction, Software Modeling and Design, Operating Systems, Statistics for Scientists and Engineers, Database Management Systems, Introduction to Computer Networks.

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML/CSS, JavaScript, C++, R

Tools/Libraries: ReactJS, Git & GitHub, ServiceNow

Databases: SQL, SQLite

EXPERIENCE & PROJECTS

Research Software Engineer – Auburn University Program Understanding Lab

May 2023 – Present

- Contributed to the development of Oxide, a flexible, modular, distributed binary analysis framework for performing analysis of executable code, by enhancing its functionality and extending its capabilities.
- Designed and implemented new plugins to augment Oxide's features and functionality to improve user experience.
- Developed comprehensive unit tests in python for previously untested modules, enhancing overall system robustness.
- Improved oxides documentation, providing users with a clearer understanding of how to effectively use existing modules and understand the information returned after running a module.
- Collaborated effectively with a team of researchers and developers, utilizing Git for version control and collaboration.

Learning Consultant – Auburn University Biggio Center

June 2022 – Present

- Provided exceptional support to faculty members and students with the utilization of classroom learning technology.
- Demonstrated exceptional problem-solving abilities and meticulous attention to detail while troubleshooting and resolving IT-related issues with classroom technology.
- Opened interactions in service now for IT problems that we had and updated it according to the status of the problem.
- Collaborated effectively with the OIT Classroom Support team, providing clear communication of more complex technical issues to ensure prompt and efficient resolution.
- Conducted IT troubleshooting and offered technical support for the prestigious SRFDIC annual conference that was held at Auburn University in 2023.

k3lvin.dev (Personal Portfolio Website) – HTML | CSS | JavaScript

June 2023 – July 2023

- Developed a personal portfolio website that displays information about myself and my career.
- Successfully deployed and hosted the website on the netlify development platform to leverage my knowledge of web development technologies such as HTML, CSS, and JavaScript.
- Demonstrated a keen eye for design, optimizing the website's user experience and visual appeal.

LEADERSHIP AND ACTIVITIES

Secretary (August 2022 – May 2023) - Association of Computing Machinery (ACM) Auburn Student Chapter

Leader (January 2023 – Present) - Web Development Club under ACM

Member - National Society of Black Engineers (NSBE) Auburn Student Chapter