

## **Nnamdi Kelvin Ikenna-Obi**

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### **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, Formal Languages, Database Systems, Introduction to Computer Networks.

### **TECHNICAL SKILLS**

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

**Tools:** Git & GitHub, ServiceNow

**Databases:** 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.
- Utilized Python & Linux to develop and test Oxide modules & plugins ensuring seamless integration with the existing system.
- 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**

**May 2022**

- 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**