

# Nnamdi Kelvin Ikenna-Obi

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## EDUCATION

**B.S, Computer Science in Engineering - Auburn University, Auburn, AL.** **January 2020 – December 2023**

## TECHNICAL SKILLS

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

**Tools/Libraries:** React.js, Java Swing, Git & GitHub, Junit, ServiceNow

**Databases:** SQLite, Firebase

## EXPERIENCE

**Research Software Engineer – Auburn University Program Understanding Lab** **May 2023 – Present**

- Contributed to the development of Oxide, a binary analysis framework for performing analysis of executable code, by developing new plugins and modules in Python, expanding its functionality.
- Strengthened system reliability with comprehensive Python unit tests for previously untested modules.
- Improved oxides documentation for improved user guidance.
- Collaborated seamlessly with a research and development team using Git for version control.

**Learning Consultant – Auburn University Biggio Center** **June 2022 – Present**

- Provided top-tier support for faculty and students in using classroom technology.
- Demonstrated exceptional problem-solving skills and meticulous attention to detail in resolving IT-related issues.
- Efficiently managed IT problem tickets in ServiceNow, ensuring updates reflected based on problem status.
- Collaborated seamlessly with OIT Classroom Support, facilitating swift resolution of complex technical issues.
- Delivered technical support and troubleshooting for the prestigious SRFIDIC annual conference held at Auburn University in 2023.

## PROJECTS

**nnamdixobi.com – HTML | CSS | JavaScript | React.js** **August 2023 – September 2023**

- Designed and developed a personal portfolio website using React.js and modern UI/UX principles.
- Implemented CSS variables for styling and CSS media queries to ensure cross-device compatibility.
- Integrated third-party libraries and packages such as React Router for smooth navigation and animations.
- Utilized the JavaScript array map function to display other projects on the website.
- Hosted and deployed the website on GitHub and Netlify, optimizing for performance and SEO.

## INVOLVEMENT

- President, **Auburn University Web Development Club** (2022 – Present)
  - Curated and organized web development content for weekly meetings, tailoring topics to accommodate different skill levels.
  - Engaged members through interactive presentations, hands-on learning activities, and collaboration with fellow officers.
- Secretary, **Association of Computing Machinery Auburn University** (2022 – 2023)
  - Facilitated organizational operations by sending out weekly email updates, contributing to outreach initiatives, and assisting in the strategic planning and execution of events.
- Member, **Association of Computing Machinery Auburn University** (2020 – Present)
- Member, **National Society of Black Engineers Auburn University** (2021 – Present)