

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, Database Management Systems, Introduction to Computer Networks, Software Quality Assurance, User Interface Design & Evaluation, Senior Design, Data Mining.

TECHNICAL SKILLS

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

Tools/Libraries: React.js, Git & GitHub, ServiceNow

Databases: SQL, SQLite

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, 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.
- Hosted and deployed the website on GitHub and Netlify, optimizing for performance and SEO.

INVOLVEMENT

- Member, **Association of Computing Machinery Auburn University** (2020 – Present)
- Secretary, **Association of Computing Machinery Auburn University** (2022 – 2023)
- Leader, **Auburn University Web Development Club** (2022 – Present)
- Member, **National Society of Black Engineers Auburn University** (2021 – Present)