

# Nnamdi Kelvin Ikenna-Obi

nzi0007@auburn.edu | (334) 275-5814 | [nnamdixobi.com](https://nnamdixobi.com) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

---

**Auburn University**  
B.S, Computer Science in Engineering

**Auburn, AL**  
January 2020 – December 2023

## TECHNICAL SKILLS

---

**Programming Languages:** Python, JavaScript, SQL, Java, HTML, CSS, C++, R  
**Tools/Frameworks:** React.js, Node.js, Express, Git & GitHub, unittest, Junit, Java Swing, REST API, Docker/Kubernetes, ServiceNow  
**Databases:** MySQL, 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 and GitHub for version control.

### **Learning Consultant (Instructional Technology) – 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 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.

## PROJECTS

---

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

- Designed and developed a dynamic personal portfolio website using React.js, showcasing modern UI/UX principles, and enhancing user engagement.
- Ensured cross-device compatibility via the implementation of CSS variables and media queries.
- Leveraged third-party libraries like React Router and used JavaScript's array map function for smooth navigation, animations, and dynamic project displays.

### **Online Shopping System – Java | Java Swing | SQLite | RESTful API | Microservices** **February – April 2023**

- Developed a complete online shopping system with user authentication and role-based access.
- Designed a client/server architecture in core Java and utilized SQLite database for data storage.
- Designed and implemented a RESTful webserver and Java-based microservices for critical functions.

### **NASA APOD Website Project – JavaScript | HTML | CSS | NASA API** **September 2023**

- Enhanced NASA's Astronomy Picture of the Day (APOD) website by integrating their open API with JavaScript, offering users real time access to captivating astronomical content.

## INVOLVEMENT

---

- President, **Auburn University Web Development Club** (2022 – Present)
  - Curated and organized web development content and projects for weekly meetings, tailoring topics to accommodate different skill levels.
  - Engaged members through interactive presentations, hands-on learning activities, and collaboration.
- 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)