

# Kaine Oduah

kaineoduah@yahoo.com | <https://www.linkedin.com/in/kaine-oduah-38b59b23a> |  
[kaineoduah.com](mailto:kaineoduah.com) | 469-349-4334 | Frederick, MD

## **PROFILE SUMMARY**

Computer Science graduate with strong proficiency in Python, Java, and C++. Experienced in full-stack development, version control (Git), and delivering scalable web and desktop applications. Quick learner with excellent problem-solving skills, attention to detail, and a passion for building impactful software.

### **Pennsylvania State University | B.S - Computer Science | May 2025**

**Coursework:** Agile Methodology, Natural Language Processing, Data Structures, Algorithms, Databases, Discrete Mathematics, Systems Fundamentals, Computer Organization, Theory of Computation, Information Literacy, Data Models and Inference, UX Design.

## **CERTIFICATIONS**

- CompTIA Security+ certified

## **TECHNICAL SKILLS**

- Languages: Python, Java, C++, JavaScript
- Web: HTML, CSS, React, Node.js, PHP, MySQL
- Tools: Git, GitHub, SQLite, OpenCV, PyTorch
- Concepts: OOP, REST APIs, Unit Testing, Agile

## **PROJECTS**

- **Deep Learning Brain Segmentation** - Implemented a U-Net architecture to automate segmentation on hundreds of brain images.
- **SUN Lab Access System** - Developed a desktop app with admin GUI for lab check- ins and database integration.
- **Maintenance Request Web App** - Built a full-stack maintenance system with form submission, admin approval, and status tracking dashboard.

## **EXPERIENCE**

### **Pennsylvania State University | Media Assistant | PA, USA | (Sep 2023 – May 2025)**

- Built digital interfaces with HTML/CSS/JS for presentations and media.
- Automated asset management with scripts.
- Provided technical support and collaborated with campus teams.

### **Matrix Group Logistics Inc | IT Support | CA/Remote, USA | (June 2022 - August 2022)**

- Maintained website; scripted content updates.
- Executed batch asset processing; used AI insights to enhance UX.

## **COMMUNITY INVOLVEMENT**

### **African Student Association | (August 2021 - May 2025)**

- Planned campus events, managed promotion and member engagement.

### **National Society of Black Engineers (NSBE)**

- Engaged in mentorship, workshops, and STEM leadership development.