

# Kaine Oduah

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| 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 – Python, SQLite, Tkinter:** Developed a desktop app with admin GUI for lab check-ins and database integration.
- **Maintenance Request Web App – HTML, CSS, PHP, MySQL:** 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 |** [\(June 2022 - August 2022\)](#)

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

## COMMUNITY INVOLVEMENTS

**African Student Association |** [\(June 2020 - August 2020\)](#)

- Planned campus events, managed promotion and member engagement.

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

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