

Ehiane Kelvin Oigiagbe

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Education

Washington State University

BSc. Computer Science

Pullman, WA

August 2021 - May 2025

Skills

Programming Languages:

Python, JavaScript, C/C++, HTML, CSS, PHP

Framework(s):

Flask, SQL Alchemy, React Js, Node Js

Tools/Platforms:

Linux, Git/GitHub, PowerBI, Ms Excel

IDE(s):

VS Code, VS Community, Jupyter, Spyder

Testing:

Unittest(Python), Selenium(Automated)

Work Experience

Schweitzer Engineering Laboratories Inc.

Test Engineer Intern

Pullman, WA

September 2023 - Present

- Improved SSR (Station Support Request) Reporting Tool efficiency by transitioning from an Excel Table to a PowerBI dashboard, offering enhanced insights into production lines and Plant Locations, resulting in a 20% reduction in failure data for assembled products within three months.
- Transitioned the SSR Reporting Tool process from manual to automated, yielding a 50% reduction in response time for assembling errors within a three-month timeframe.
- Utilized API calls in performing the database migration aspect of the project, which in turn, extended the usability of the SSR Reporting tool project by 50%.

Cougar Card Center – Washington State University

Clerical Assistant I

Pullman, WA

September 2022 – September 2023

- Elevated customer service strategies through proactive client engagement, resulting in a significant 10% boost in ID card replacement sales within a single semester.
- Accelerated the onboarding process for new employees by 50%, showcasing shortcuts and providing tips to streamline navigation through the technical aspects of the clerical assistant role.

Leadership

NSBE (National Society of Black Engineers) at WSU

Director of National Communications

September 2022 – September 2023

- Co-Led the successful coordination of the first National NSBE convention appearance in four years.
- Employed effective communication skills to initiate and nurture relationships with external STEM-related organizations and companies, resulting in a notable 45% increase in the organization's funding.

Secretary

September 2023 - Present

- Utilized effective communication skills to oversee email correspondence among external organizations, the executive board, and members of NSBE.

Projects

[HarvardSchoolAkute Website](#) SAAS,HTML,CSS, JavaScript, PHP, Hostinger, Google Analytics

Solely Developed a comprehensive website for HarvardSchoolAkute, leveraging a range of technologies and services to handle the front-end and back-end for optimal performance, user-friendly experiences, and clean design.

[Object-Oriented Banking System](#) Python

<https://github.com/Ehiane/mockBankingSystem>

Created a basic banking system in Python to demonstrate object-oriented programming skills. Features include user account management, login and account creation, user information verification, and balance distribution.

[Tetris Game Replication](#) C++ , SFML Library

<https://github.com/Ehiane/pa9>

For my Data Structures and Algorithms Final Project, I Collaborated with my teammates to replicate the classic Tetris game using the SFML library in C++. It showcased various programming concepts like Inheritance, Polymorphism and Test Cases to reach our desired outcome.

Click [here](#) for a demonstration of the game.

[StudentFacultyResearchPortal](#) Python, Flask, SQLAlchemy, HTML, CSS, Unittest

Contributed to a mock student-faculty research portal by actively developing UI/UX components, implementing login/logout features, and spearheading the testing section. The project aimed to seamlessly connect students with faculty for research opportunities, enabling faculty to post applications and students to apply for projects. Click [here](#) for a comprehensive breakdown of this project