

Oghenetega Idogun

otegaid@gmail.com | 786-737-5864 | <https://linkedin.com/in/oghenetega-idogun/> | <https://github.com/tegaaidogun>

A trainee computer scientist seeking a challenging career opportunity in computer science, to apply academic knowledge and interpersonal skills for organizational success. Skilled in working both single-handedly and as part of a team to research, design, develop and engineer innovative business solutions.

SKILLS

- C | C++ | C# | Python | Java | SQL | JavaScript | GeoPandas | Jupyter | .NET | NumPy | GitHub | Unity | OpenGL
- Linux Administration | Mixed Reality | Game Development | Artificial Intelligence | Web Development | Data Structures
- Object-Oriented Principles | Multi-Threaded Computing | Computer Architecture | Data Structures | Logical Reasoning
- Project Management | Problem Solving | Data Modeling | Prototyping | Adaptability | Strategic Planning | Resourceful

WORK EXPERIENCE

Software Developer

October 2023 – Present

HoloMath

Miami, FL

- Collaborated with a 5-member team on a Unity project sponsored by Microsoft, which upgrades STEM subject delivery.
- Harnessed knowledge in data structures & algorithms, leveraging logical reasoning for continuous application refinement.
- Exhibited HoloMath at Art Basel Miami, engaging with a diverse audience and relaying its purpose to potential sponsors.
- Applied expertise in C# and OpenGL to optimize application features, ensuring a robust and user-friendly experience.
- Showcasing proficiency in object-oriented principles, improving code modularity and maintainability across platforms.

Research Apprentice

October 2023 – Present

Florida International University

Miami, FL

- Engaged in AI-driven educational research, crafting web content with a focus on ethical considerations using Python and Flask.
- Engineered an command-line AI-driven prompt generation tool for search engines, implementing efficient C/C++ coding.
- Streamlined multi-threaded mechanisms during application development, improving program and system performance.
- Conducted in-depth AI usage analysis in educational settings, utilizing R for data evaluation.

Design Support Intern

October 2022 – March 2023

Florida International University

Miami, FL

- Provided IT support with an emphasis on accessibility, leveraging skills in system troubleshooting and user assistance.
- Managed and built Canvas LMS courses, integrating IT solutions to evaluate content delivery and user interface.
- Utilized JavaScript to create engaging e-learning content, exhibiting web development scripting prowess.

Information Technology Intern

August 2019 – July 2021

Pepperoni Foods Limited

Port Harcourt, Nigeria

- Developed an in-house ledger application in Java, replacing costly ERP software and saving the company over \$2,000 annually.
- Performed regular maintenance of office computers by applying knowledge in computer architecture and network security.
- Delivered IT support to office staff, and preemptively researched emerging technologies to identify potential company benefits.
- Increased office server performance through supervised Linux administration, coordinating overall IT infrastructure.

PROJECTS

Cosmo-Projectiles

August 2023 – September 2023

C++, C#, Unity, Mixed Reality ToolKit 3, GitHub

Miami, FL

- Constructed an educational physics augmented reality simulation for a Mixed Reality hackathon, earning first runner-up.

Visualizing Water Quality Data [BlueGAP]

June 2023 – July 2023

Python, GeoPandas, Jupyter, NumPy, GitHub

Miami, FL

- Automated a data analysis program for Blue-Green Action Platform, capturing key water quality metrics across Florida.

ACTIVITIES/INVOLVEMENT

Technical Director

July 2021 – Present

Google Developer Student Club (GDSC); FIU

Miami, FL

- Adapted workshop content and resources to focus on modern software development ensuring relevance and practical value.

EDUCATION

Florida International University

August 2021 – May 2024

Bachelor of Science in Computer Science, Cumulative GPA: 3.3

Miami, FL