

IREOLUWA ALARAPE

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EDUCATION

Carnegie Mellon University

Bachelor of Science in Information Systems

GPA: 4.0/4.0

Relevant coursework: Imperative computation, Database Design and Development, Designing Human-Centered Software.

August 2020 - May 2025

Pittsburgh, PA

WORK EXPERIENCE

WRAGBY Business Solutions

React Developer Intern

June 2022 - August 2022

Lagos, Nigeria

- Enabled Lagos companies to collect direct user feedback on products with React Native applications.
- Gained experience utilizing react components and Android studio for development testing.
- Coordinated with client to reiterate on designs and implement user stories.

Edupear

C.S. Tutor

Jun 2018 - Jul 2021

Lagos, Nigeria

- Crafted lesson plans for 30+ middle & high school students based on APCS curriculum.
- Led students to proficiency in Java, including basics of OOP, abstraction and proper style.
- Guided students through final personal projects.

PROJECTS

Youkaryote (Python)

Spring 2022

- Conceptualized, researched, and implemented Hexagonal-based RTS game to teach basics of cell biology.
- Implemented complex A.I. behavior with Dijkstra, A*, and monte-carlo algorithms.
- Engineered pseudo-random map generation by adapting Cellular Automata and Prim's Shortest Spanning Tree algorithms to a hexagonal based map.

Pamela's Diner Project

Spring 2022

- Rehailed local Pittsburgh diner, Pamela's Diner's website from scratch to meet modern industry standards
- Designed and translated lo-fi and mid-fi UI/UX wireframes to HTML and CSS.
- Engineered and Developed 12 User stories and ran user tests.

ÉDÉ

Summer 2020

- Designed and implemented Language Schedule Organizer website to facilitate language learning.
- Configured back-end with flask and python, and queried the database with SQL.
- Leveraged javascript to curate personalized language learning schedule based on research and user goals.

ACTIVITIES

Scotty Labs

Software Developer

Aug 2022 - Current

Pittsburgh, PA

- Utilized typescript to engineer technological solutions for the CMU community.

The Tartan

Photographer

Sep 2021 - Current

Pittsburgh, PA

- Serve as professional field photogher and photo editor for campus related events.
- Over 4,000 copies printed and read by CMU community.

SKILLS

Software: Python, C, React, MySQL, Flask, C#, Java, \LaTeX , R.

Professional: Public Speaking and Debate, User Research, Microsoft Office Suite.

Language: Native proficiency in French and Yoruba.