Ireoluwa Alarape

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EDUCATION

Carnegie Mellon University   August 2020 - May 2025
Bachelor of Science in Information Systems   Pittsburgh, PA
GPA: 4.0/4.0

Relevant coursework: Imperative computation, Databases, Concepts of Mathematics, Designing Human-Centered Software.

WORK EXPERIENCE

WRAGBY Business Solutions   June 2022 - August 2022
React Developer Intern   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   Jun 2018 - Jul 2021
C.S. Tutor   Lagos, Nigeria

- Crafted lesson plans for 30+ middle & high school students based on the 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 the 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 Prims Shortest Spanning Tree algorithms to a hexagonal-based map.

Pamela's Diner Project   Spring 2022

- Rehauled 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 langauge 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   Aug 2022 - Current
Software Developer   Pittsburgh, PA

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

The Tartan   Sep 2021 - Current
Photographer   Pittsburgh, PA

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

SKILLS

Software: Python, C, React, MySQL, MongoDB, C#, Java, R.
Professional: Public Speaking and Debate, User Research.
Language: Native proficiency in English, French, and Yoruba.