Esther Ogundele

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EDUCATION

Fisk University - Nashville, TN   Expected Graduation: December 2025
- Pursuing Bachelor of Science in Computer Science. GPA: **3.94/4.0**
- Coursework: Operating Systems, Machine Learning, Data Structures and Algorithms, Computer Organization
- Activities: Google Developers Student Club, ColorStack, Resident Assistant, Apple Pathways Alliance Program
- Awards: W.E.B. Du Bois Honors, KMF Professional Excellence Scholarship Program, President's List

EXPERIENCE

Google Tech Exchange Program - Remote   January 2024 - April 2024
Scholar
- Gained applied computer science, problem-solving, and technical interviewing skills
- Completed 40 hours of intensive coursework in full-stack web development taught by Google engineers
- Coursework included Applied Data Structures, Software Development Studio, and Careers in Tech

REEU Summer Internship Program at Tuskegee University - Tuskegee, AL   May 2024 - July 2024
Researcher
- Utilized DNAStar and Baser to detect errors in plant DNA sequencing data, reducing manual correction by **50%**
- Explored biology and computer science intersection to enhance plant genomic data analysis
- Earned Geographic Information Systems, CPR, and AI Foundry certifications for professional development

University of Illinois: AI Foundry Short Course - Remote   June 2024
Participant
- Developed computer vision tool to identify agonistic behavior in pigs and prevent uneven sharing of resources
- Trained YOLO (You Only Live Once) and Teachable Machine models, achieving **93%** precision on custom datasets

Bloomberg Accelerator Bootcamp x Super Charged - Remote   August 2024
Participant
- Participated in interactive coding sessions, improving my Data Structures and Algorithms skills and more
- Solved coding problems, applying best practices and optimizing time and space complexity of each

TECHNICAL PROJECTS

Mood Match |Google Cloud, Git, Figma   January 2024 - April 2024
- Created AI-powered web application for personalized music, movies, and podcast recommendations
- Utilized Streamlit for development, Vertex AI for text-to-image conversion, and BigQuery for data storage

Women of Power |HTML, CSS   January 2023 - April 2023
- Engineered responsive web application to provide career development and networking resources for women
- Implemented reservation, payment, and social media links for seamless user experience and interaction

Blackjack |Python, Edstem   August 2022 - December 2022
- Designed text-based blackjack game simulator for users to play against automated dealer
- Integrated multiplayer mode and achieved 99% code coverage on unit and integration tests

SKILLS AND INTERESTS

- Programming Languages: Python, Java, JavaScript, HTML, CSS
- Certifications: CodePath Technical Interview Prep, HBCU S.O.A.R, Certified Associate in Project Management
- Interests: Event Planning, Technology, Traveling, Vlogging, Hair Braiding, Critiquing movies