Kenenna Daniel Nwankwo

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Washington DC Metro Area

EDUCATION

University of Maryland **College Park, MD**
B.S., Computer Science, Finance, & International Business Graduation 2024
Organizations: College Success Scholars • First-Year Innovation & Research Experience Business GPA 3.75 Comp Sci GPA 3.96

SKILLS

Python, Java, JavaScript, ReactJS, C/C++, OCaml, Pandas, Stata, HTML, MS Suite, Google Suite, AVR Assembly

EXPERIENCE

Goldman Sachs **Dallas, TX**
Incoming Operations Analyst Intern June – August 2024

- Operations analyst within the Global Banking and Markets Division, specializing in Fixed Income, Currencies, and Commodities (FICC) as well as Equities operations, starting in the summer of 2024

Campus Educators **College Park, MD**
Software Engineer March – July 2024

- Spearheaded front-end development of user-friendly and responsive web interfaces for a student-run startup, specializing in connecting students with tutors from their university and local area
- Collaborated closely with cross-functional teams to translate business requirements into technical solutions, leveraging my background in finance to inform key strategic initiatives ensuring alignment with organizational goals and objectives

Owens Corning **Toledo, OH**
Corporate Finance Intern – Economics Dep. May – August 2023

- Developed a comprehensive predictive model using Python and Stata to accurately a forecast $500 million market segment
- Utilized statistical analysis techniques and market research to identify key variables that influence market trends and demand
- Provided insights and actionable recommendations based on forecast, contributing to the teams strategic planning
- Collaborated with cross-functional teams incorporating feedback, to enhance the accuracy and robustness of the forecasts

University of Maryland Office of Multiethnic Student Education **College Park, MD**
Senior Team Leader May 2019 – January 2024

- Mentored a group of 80 students on academic and professional skills, as well as provide personal support and advising
- Maintained multiple databases to record student data, enabling timely intervention and support for underperforming students
- Managed daily operations to ensure accountability and accuracy of student deliverables
- Interviewed and assessed applicants for leadership roles within the Office of Multiethnic Student Education

Clark School of Engineering 125 Mile E-Bike Challenge **College Park, MD**
Team Member August – December 2019

- Designed and developed an electric bike capable of long-distance travel under a combination of human and electric power
- Resolved numerous emergency situations and equipment malfunctions throughout the competition

PROJECTS

Programming Language Compiler – Racket

- Developed a specialized computer language as a subset of the programming language Racket, focusing on functional programming, efficiency, functions, exception handling, data types, pattern matching, lambda expressions
- Implemented the compiler, enabling conversion of Racket input into x86 machine code for execution on computer systems

Clustering and the Farthest-First Traversal – Java

- Created optimized data structures of a weighted leftist heap and sliding midpoint K-D tree from the ground up
- Used structures to create an efficient algorithm to store nearest cell towers to cell users on a 2-dimensional plane as users and towers are added and removed. Developed an efficient algorithm to find the optimal location to place future cell towers

Professional Portfolio Website – ReactJS, AWS

- Developed a personal website using ReactJS, showcasing strong proficiency in front-end development and responsive design
- Demonstrated expertise in AWS by deploying the website using Amazon S3 for static content hosting

Maze Solving Algorithm – Java

- Implemented 3 algorithms to solve a randomized maze. Solved with Depth-First, Breadth-First, and Dijsktra's Algorithm
- Implemented a Weighted Graph using hash maps to hold and model the contents of the maze and traverse its vertices

C Shell – C Language

- Implemented a command-line shell that interprets boolean operations, pipes, subshells, and file redirection

ACTIVITIES/AFFILIATIONS

College Success Scholars – *Executive Board Member* **College Park, MD**

- Identified key questions and issues; social, political, and cultural across communities in the United States

FIRE-First-Year Innovation & Research Experience – *Student Researcher* **College Park, MD**

- Co-authored and presented an academic paper on technological advances regarding transforming job markets
- Designed modern solutions via electronics and computer programming