

Kenenna Daniel Nwankwo

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Washington DC Metro Area

EDUCATION

University of Maryland

B.S., Computer Science, Finance, & International Business

College Park, MD

Graduation 2024

Organizations: College Success Scholars • First-Year Innovation & Research Experience Business GPA 3.74 Comp Sci GPA 3.95

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

- Develop a comprehensive predictive model using Python and Stata to accurately forecast \$500 million market segment
- Utilize statistical analysis techniques and market research to identify key variables that influence market trends and demand
- Provide insights and actionable recommendations based on forecast, contributing to the teams strategic planning
- Collaborate 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

- Mentor a group of 80 students on academic and professional skills, as well as provide personal support and advising
- Maintain multiple databases to record student data, enabling timely intervention and support for underperforming students
- Manage daily operations to ensure accountability and accuracy of student deliverables
- Interview and assess 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 Dijkstra'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