Kenenna D. 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 3.73 Comp Sci GPA 3.94

SKILLS

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

PROJECTS

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 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. Created an efficient algorithm to find the optimal location to place future cell towers

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

Data Structure Projects – Java
- Created several Data structures from the ground up, including additional useful methods
- Created implementations of the LinkedList, Hash Table, Binary Search Tree Map, Heavy Bag, and Graph

C Shell – C Language
- Implemented a shell that supports boolean operations, pipes, subshells, and file redirection

Micro Computer Language – OCaml
- Implemented a lexer, parser and interpreter for a working language with a subset of the features in the language OCaml
- Complied text files into abstract syntax trees and interpreted the trees using logical operational semantics

EMPLOYMENT/ EXPERIENCE

Owens Corning   **Toledo, OH**
Corporate Finance Intern – Economics Dep.   May 2023 – Present
- Utilize statistical analysis techniques and market research to identify key variables that influence market trends and demand
- Develop a comprehensive predictive model using advanced forecasting methods to accurately project future market demand
- Contribute to the organization's strategic planning by providing insights and actionable recommendations based on forecasts
- Collaborate with cross-functional teams incorporating feedback, to enhance the accuracy and robustness of the forecasts

Office of Multiethnic Student Education   **College Park, MD**
Senior Team Leader   May 2019 – Present
- Mentor a group of 80 students on academic and professional skillsets in conjunction with personal support
- Manage daily operations to ensure accountability and accuracy of student deliverables
- Maintain multiple databases to log traffic data and record student data
- Interview and assess applicants for leadership roles within the Office of Multiethnic Student Education

Maryland Consulting Firm   **Lanham, MD**
Intern   May – July 2021
- Grew client revenue through an assessment of customer technical requirements and curation of appropriate product selections
- Responded to inquiries in a timely and professional manner as an account representative

Wikler Case Competition   **College Park, MD**
Team Member   April 2021
- Determined investment recommendation via discounted cash flows analysis of project value
- Researched key economic, industry, and company factors to determine case position and identify vulnerabilities
- Presented and defended my position to an expert panel using supporting quantitative, qualitative, and analytical considerations

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

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 programing