

# Kenenna Daniel Nwankwo

(240) 997 4119 • KeneDaniel@gmail.com • KeneNwankwo.com  
Washington DC Metro Area

## EDUCATION

### University of Maryland

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

College Park, MD

Graduation December 2024

**Organizations:** College Success Scholars • First-Year Innovation & Research Experience Business GPA 3.73 Comp Sci GPA 3.94

## SKILLS

Python, Java, JavaScript, ReactJS, C/C++, OCaml, Pandas, Stata, 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 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

### Micro Computer Language – OCaml

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

## EXPERIENCE

### Owens Corning

Toledo, OH

Corporate Finance Intern – Economics Dep.

May 2023 – Present

- Develop a comprehensive predictive model using Python and Stata to accurately a 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 – Present

- 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

### Maryland Consulting Firm

Lanham, MD

Intern - Small Business Consulting

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 Leader

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