

Kwaku Ofosu-Tuffour

3208 Clearview Drive, North Chesterfield, Virginia
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PROFESSIONAL SUMMARY

Diligent and hardworking with a drive to learn and self-improve. Passionate about creating new technology and technological development. Successful at managing multiple tasks simultaneously with a positive attitude

EDUCATION

College of William and Mary

May 2024

Bachelors of Science: Computer Science, Mathematics

- Cumulative GPA: 3.71
- Relevant Courses: Software Development, Software Engineering*, Databases*, Data Structures & Algorithms, Data Mining
- Awards and Honors: W&M Scholar, Monroe Scholar, Dean's List [Fall 2020, Fall 2021, Spring 2022, Fall 2022, Spring 2023]
- Extracurricular Activities: African Cultural Society, W&M Lifting Club (Secretary)

SKILLS

- **Programming Languages:** JavaScript, Python, Java, C++
- **Front-end Web Development:** HTML/CSS, JavaScript, JQuery, React.js
- **Back-end Development:** Django (w/ REST API)
- **Mobile App Development:** React Native, Android Studio
- **Data Management:** SQL, Microsoft Office
- **Other Skills/Software:** PyTorch, Eclipse, LaTeX, French (Intermediate)

PROJECTS

College-Based Market Application

- Lead developer in a team currently creating a mobile application for college students to sell and purchase products from other students. Developed using React Native as the frontend framework and Django (REST API) as backend framework to create a full-stack application.

Android Maze Game

- Created a maze game using agile software development, with code written using Java in both Android Studio and Eclipse. Developed using Java Object-Oriented programming methodology. Completed in Software Development course.

Rationales Visualization Tool

- Helped with the creation of a website that serves as a visualization for the output of a Neural Code Model (NCM). Developed into a dynamic web interface using the React.js framework. Currently in development for the Software Engineering course.

Weather Web Application

- Created a website that displays information about current weather conditions as well as hourly and weekly forecasts. Developed using front-end languages: HTML/CSS/JavaScript. Retrieves, processes, and displays information using Free Weather Api (weatherapi.com).

RELEVANT EXPERIENCE

Data Analytics Intern | Chesterfield County

05/2023-08/2023

- Responsible for managing and analyzing data commonly used by various departments of Chesterfield County's Department of Human Resources
- Queried data from SQL databases using Microsoft Azure Studio
- Developed queries to determine inconsistencies across different database schema

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OTHER EXPERIENCE

Mathematics Tutor | Teach for America

09/2022 - 05/23

- Fellowship involving tutoring 6th grade mathematics to underrepresented middle school students in schools, in hopes of encouraging equity in the educational system

Student Grader | William and Mary

02/2023 - 05/23

- Graded assignments and coursework for *MATH 307: Abstract Algebra*

*Currently in Progress