# Kwaku Ofosu-Tuffour

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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 Developmen**t: HTML/CSS, JavaScript, JQuery, React.js, Bootstrap
- **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