

KWABENA GYASI DARKO

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EDUCATION

Columbia University

New York, NY

BS Computer Science, Minor in Economics

Expected Graduation: May 2027

- **Relevant Courses:** Intro to Computing in Python, Calculus I
- **Organization:** NSBE, ColorStack

TECHNICAL SKILLS

Languages: Python (Proficient), Java (Learning), Git, HTML, CSS, Vite, Computer Aided-Design

Tools: Visual Studio Code, PyCharm, IntelliJ, Jupyter Notebook, SolidWorks, GitHub, MS Suite

Libraries & Frameworks: NumPy, Matplotlib, Pandas, Pygame, React.js

WORK EXPERIENCE

Columbia University Information Technology

New York, United States

Tech Maintenance Assistant

September 2023 – Present

- Provide technical support during workshops and seminars for a seamless technology experience
- Train faculty in troubleshooting potential errors to proactively resolve technical issues expediently
- Perform regular check-ups in hybrid classrooms to facilitate smooth learning

Jumpstarting Aspiring Developers and Entrepreneurs (JADE)

New York, United States

Fellow

January 2024

- Acquired practical skills in **HTML**, **CSS**, and **React.js** to enable web development proficiency
- Actively networked with seasoned Analysts through company visits fostering valuable connections
- Learned about how to navigate the tech and business field through professional development workshops

PROJECTS

Snake Game | Python, Pygame

- Developed an interactive graphical user interface using the **Pygame** library in **Python**
- Utilized different object classes, loops, and user keyboard input to develop the game

Personal Website Portfolio | HTML, CSS, React.js, Vite

- Utilized **Vite** and **React.js** frameworks to develop a website showcasing my experiences and projects
- Combined **HTML**, **CSS**, and **JavaScript** files in VS Code to create and style the website

Wine Classifier | Python, NumPy, Pandas

- Utilized **Pandas** and **NumPy** library in **Python** to retrieve and manipulate wine data
- Implemented the centroid-classifier function to sort disparate wines based on their chemical properties
- Created a cross-fold function to make sure that all data was experimented achieving an 88% accuracy

EXTRACURRICULAR ACTIVITIES

Ghana UN Students and Youth Association (GUNSA)

Cape Coast, Ghana

Financial Secretary

December 2019 – August 2022

- Built an Excel model with controls to account for all income and expenditures by the club accurately
- Educated the public on the importance of gender equality through community outreach programs

Mfantsipim Robotics Club

Cape Coast, Ghana

General Secretary

December 2019 – July 2022

- Trained club members how to program Lego Robots and prepared them for robotics competitions
- Assisted the club by taking notes of all its shortcomings and working toward them