EMMANUEL DODOO

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EDUCATION

Cornell University, Ithaca, New York   **Graduating December 2025**
Major: Computer Science
Relevant Coursework : Introduction to Computing, *Object Oriented Programming, Data Structures and Algorithms, *Trends in Modern Web Development, Calculus (* = in progress)

SKILLS

Programming languages: Python, Java, JavaScript,
Worked with: Node.js, Flask, Pygame, Ar.js, Three.js, React, Typescript, HTML/CSS

EXPERIENCE

Teaching Assistant, Cornell University   **August 2022 - Present**
• Course staff for the **Introduction to Computin**g (*Python*) course of about 600 students.
• Hold office hours to resolve student challenges and improve understanding of course concepts.
• Review and grade students' exams, projects and assignments throughout the semester.

Program Organizer and Co-lead, TechElevate   **June 2022 - Present**
• Assembled multiple teams of about 50 Computer Science students in Ghana for knowledge building sessions aimed at landing them jobs.
• Hold two weekly workshops instructing recruits and building up knowledge.
• Lead sub-teams in building various projects, refine existing skills and learn new ones.

Milstein Summer Program, Cornell Tech   **June 2022 - July 2022**
• Worked with a local government agency to build an Augmented Reality web interface for flood sensors using the AR.js.
• Worked with four resident professors to explore the intersection of Technology and Arts .
• Built several projects using Physical and Digital Making techniques for the local community.

PROJECTS

Pong Game   https://github.com/EmmanuelDodoo/pong_game
• Developed a two player pong game using python pygame for casual play.
• Employed a unique user introduction.
• UseLinkd the Pygame and playsound python modules.

Python Video Streaming
• Created a Python playlist maker and streaming service.
• Implemented an integrated Advertisement system as an additional script that pulls links from the playlist and opens them in the browser in the required order.
• Used built-in python libraries like functools, inspect and webbrowser.

Focus Website   https://focus-website-general.herokuapp.com/
• Working with a team of developers for the Focus Group startup company.
• Developing a fully functional website for the group.

CAMPUS INVOLVEMENT

• Undergraduate Research Board, Member, Spring 2022 - Present.