

EMMANUEL OPPONG ACHEAMPONG

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EDUCATION

New York University – Abu Dhabi, UAE

May, 2025

Bachelor of Science: Computer Science, Minor: Applied Mathematics

Relevant coursework: Intro to Computer Science (Python) | Data Structures (C++) | Algorithms (C++) | Intro to Interactive Media (Javascript, Arduino) |

SKILLS & CERTIFICATIONS

- Tools & Frameworks: Python, Java, C, C++, HTML, Javascript, React, SQL
- Languages: English, Akan
- Certifications: **CodePath Certification in Web Development** (September 2022 - November 2022)

EXPERIENCE

ALX AFRICA SOFTWARE ENGINEERING BOOTCAMP | Online

November 2022 - Present

Student Intern

- Mastered **Git**, **Bash**, command line editors, high and low level programming languages, bit manipulation, **database management** and web development.
- Collaborated with interdisciplinary team members to complete **AirBnB** and **Uber Clone projects** among many others
- Specialized in **backend web development**

BISMUTH MEDIA ADVERTISING | Accra, Ghana

May 2021 – August 2021

Assistant Digital Marketing Specialist

- Developed and executed **digital marketing content strategies**. Increased organic site traffic by **80%**.

YOUNG ACHIEVERS' FOUNDATION | Kumasi, Ghana

May 2020 – August 2020

Math and Physics Tutor

- Tutored a cohort of **30** students in Physics and Math II SAT Subject Test. Students scored in **95th** percentile

PROJECTS

Python FormulaX - Game Class | Team of 2

GitHub | [View Project](#)

- Built a racing car game using Python3.
- Incorporated game player interactivity using Processing 3.5.4 libraries and functions
- Utilized: (Python3, **Processing 3.5.4**)

AirBnB Clone

GitHub | [View Project](#)

- Utilized Object-oriented Programming in Python3 to build a working AirBnB website clone
- Utilized: (JSON, Python3, **Python Unittest Model**)

Python Tetris Game

GitHub | [View Project](#)

- Built a simple tetris game that uses simple rectangular tetriminos
- Incorporated random color selection upon generation of each new block
- Utilized: (Python3, Processing 3.5.4)

Word Ladder Game

- Built a word link game using C++.
- Used Lexicon ADT, files and streams, and other libraries to link a chain of words one letter at a time to a given word
- Utilized: (**Stacks, Queues, and file streams**)

LEADERSHIP & AFFILIATIONS

[CodePath](#) | Community Member | Remote

September 2022 - Present

[ColorStack](#) | Community Member | Remote

May 2023 - Present