

DESMOND OFORI ATTA

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Education

New York University

Bachelor of Science in Computer Science with Applied Math

Sep. 2019 – May 2023

Abu Dhabi, UAE

Relevant Coursework

- Data Structures
- Linear Algebra
- Algorithms Analysis
- Web Design
- Computer Systems Org
- Intro to Data Science

Experience

Ghana Tech Lab

Mobile App Developer Intern

June 2021 – Present

Accra, Ghana

- Developed the feedback portal of their digital training mobile platform for iOS/Android using **Dart** and the **Flutter** framework.
- Utilized **Android Studio** as a development environment in order to visualize the application in both iOS and Android.
- Utilized the MVC software architecture to separate UI and business logic.

NYU Abu Dhabi Global Asia Department

Web Developer

October 2020 – May 2021

Abu Dhabi, UAE

- Designed and built department's websites from initial concept, site architecture and wireframes to finished deliverable with **WordPress**.
- Developed new intranet landing page for courses taught in the department.
- Managed the department's pages on the main NYU website.

Ghana Tech Lab

Front End Developer Intern

June 2020 – August 2020

Accra, Ghana

- Developed the front end of the registration pages of their trainee portal using **HTML**, **CSS**, **JavaScript** and **Bootstrap**.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Contributed to group meetings and provided status update on development tasks for progress reporting.

Projects

Student Assistantship Timesheet App | *Dart, Flutter, Google Firebase, Android Studio*

- Created an Android application using Dart, Flutter and Android Studio to track my student assistantship timesheet.
- Processed entered information in the back-end of the app to return the total expected salary at the end of the month.
- Leveraged knowledge in Google **Firebase** and **Firestore** to authenticate and save all entries/data.

Journal App | *NextJS, MongoDB, JavaScript, HTML, CSS*

- Created a simple web app that allows users to create, edit and delete journal (diary) entries.
- Used **MongoDB** as the database framework to store all the relevant data.
- Leveraged knowledge in REST-API and in-built routing feature of **NextJS** to create and access different pages and data.

Technical Skills

Languages: C/C++, Python, Java, HTML/CSS, JavaScript, Dart, Assembly

Developer Tools: VS Code, Flutter, Android Studio

Technologies/Frameworks: GitHub, NodeJS+Express, WordPress, ReactJS, Firebase, MongoDB

Leadership / Extracurricular

Peer Tutoring

Volunteer Tutor

August 2020

Ghana Tech Lab

- * Trained 20+ students in **Python** and **HTML**.
- * Mentored students, answering web related questions and guiding them to complete their projects.