

Ebenezer Obiri Mensah

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Summary

I am an international student from a rural town in Ghana, a small West African country, and I have experience with the following programming languages: Java, Python, JavaScript. I am primarily interested in Machine learning and Software development. This past month, I developed an application that uses machine learning algorithms to predict diseases given the symptoms of the patient, and this has further increased my resolve to create software products that improve the lives of people. I hope to one day use my knowledge of Computer Science to create a mobile app that will be able to offer quality healthcare diagnoses for diseases such as malaria and cholera to people in rural and under-resourced regions. I hope the opportunity to work at your institution will nurture me towards that path and provide me with the opportunity of practicing what I have learned on high-level tasks.

Education

Pomona College

Bachelor's of Arts Computer Science

Los Angeles, California

Enrolled May 2023

I am rising Sophomore currently enrolled at Pomona College, and interested in Computer Science.

Employment History

AgriBusiness

Intern

Kumasi, Ashanti Region

January 2018 - October 2018

I was part of a 6 member team that went to rural regions and spoke to farmers to gain an understanding of their work and find how best the company could help them. The Software Engineering team used our report to help refine their products. This experience helped refine my perspective on the software development process and showed me how important user input is to the software development process.

Hobbies & Interests

Volunteer at a local community hospital in Ghana once every year.

Playing a Guitar. I am really not good at this. I just began, and I am loving it so far.

Reading the Bible, listening to music, and learning to sing (but I am really bad at singing and you don't want to hear me sing)

Professional Skills

Java
Python
Javascript
Android SDK
HTML

Projects

Facebook Hackathon Messaging

I participated in the online Facebook Hackathon, and I developed a COVID-19 chatbot for the messenger platform using node.js. The Chatbot primarily provides COVID-19 Global statistics, and country specific help and support resources to people.

MLDiagno

I developed an application that uses a machine-learning algorithm to predict the disease of a patient given the symptoms of the patient. The application was trained with data of patients that were diagnosed with Malaria, Typhoid, and Hypertension. For patients suffering from either one of these diseases, the application is accurate in its prediction 95% of the time. It is currently being used in a clinic in my hometown to provide doctors with an initial prediction of possible diagnoses of patients. This is the project I am most proud of. I hope to one day use machine learning algorithms develop powerful applications that will provide greater insights into patient history and improve efficiency of healthcare in Africa.

Games and Social Apps

Guess game

I developed a guessing game for the Google play store. The player plays with a computer and tries to correctly guess what number the computer guesses.

Social Apps

I also developed a mobile app that provides users with funny videos for the Google play store. I am currently working on developing a social networking app primarily for Ghanaian college students to collaborate and share educational materials.

Links to Apps I have created.

<https://play.google.com/store/apps/details?id=com.eben.higherorlower>

<https://play.google.com/store/apps/details?id=currency.com.slide>

<https://play.google.com/store/apps/details?id=com.eben.funi>