

David Asmah

asmah.david@outlook.com | Accra, Ghana | <https://github.com/carrickky2>

Skills

Languages: Python, JavaScript C, SQL, HTML, CSS

Technologies: Flask, Django, Git, Linux, Bootstrap, Node js, AWS, Google Cloud Platform, Docker

Work Experience

Software Engineer, Focus 360

Remote, US

September 2020 — Present

- Initiated, designed and wrote the backend for an e-commerce website using Python, Django, SQL and Javascript, allowing the store to double its revenue
- Developed and maintained core functionality and microservices for focus backend using Django, AWS Lambda and DynamoDB
- Defined, built, and tested API's to help integrate payments into the websites
- Managed continuous communication with management to define goals, share findings, and coordinate mutual deadlines
- Performed code quality control to ensure optimal production results

Projects

Discord Bot Python, SQL

May 2021 — Present

- Designed and implemented a discord bot using Python, SQL and pandas that takes images with tables and then turns them into text, reducing compression and searching time by more than 75%
- Built the bot using the Google Geocoding API and Google geolocation data, allowing one to easily get the schedule information in their time zone, thereby reducing friction and user errors

Open Source Game Development Python, C++

June 2021 — Present

- Worked with others on developing an open-source game and modding existing games to make them better for the community
- Developed the game downloader for the team using Python, allowing users to download game files easily and increasing download times by more than 100%
- Revised and improved an existing part of the C++ code using Python to make it faster than it was before

Fully Featured Gift Website Python, Django, HTML, CSS, Javascript, SQLite

September 2021

- Built and designed a full Django project for a gift shop webpage which allows one to easily purchase gift goods
- Initiated, designed and implemented the database using SQLite to allow items on sale, user data and other information to easily be stored and be readily accessible

Education

University of Cape Coast

Accra, Ghana

Bachelor of Commerce

May 2022

Major in Management; Minors in Accounting and Statistics

Harvard University

Remote, USA

Computer Science 50

November 2020

CS50's Web Programming with Python and JavaScript