

John Terence Manful

+233 240 173 293

Johnmanful2002@hotmail.com

<https://github.com/jt-manful>

www.linkedin.com/in/john-terence-manful

EDUCATION

Ashesi University
BSc. Computer Science

Berekuso, Eastern Region
Expected Date of Graduation: August 2024

ACHIEVEMENTS/AWARDS

Dean's List Honors, Ashesi University

2020 - 2024

Harvard CS50: CS50 Introduction to Artificial Intelligence in python

Aug 2022 — Dec 2022

Harvard CS50: CS50 Introduction to Computer Science

May 2021 — Aug 2021

WORK EXPERIENCE

Software Developer, Enterprise Computing Ltd. – Internship

Aug. 2023-Sept 2023

Developed a proof-of-concept project focused on leveraging Microsoft Power Apps, with integration to the other Microsoft Power Platform tools.

- Designed and developed a custom data collection solution using Microsoft Power Apps, harnessing its low-code capabilities to create a user-friendly interface for data input and retrieval.
- Gained proficiency and experience with Power platform technologies for rapid app development and its integrations to create a cohesive system.
- Demonstrated the ability and willingness to learn while quickly grasping the intricacies of Microsoft Power Platform technologies.

Robotic Software Developer, Fortress Engineering - Internship

Jun. 2023-Aug 2023

Designed and built a prototype for a robotic gripper that was to be integrated into a larger ROV (remotely operated vehicle).

- Lead the intern team of engineers to ideate and conceptualize the gripper's design and functionality.
- Spearhead the software development and gained proficiency in ROS(robot operating systems) for robotic development.
- Developed and implement the gripper's fine motor movement and gripping capabilities use Arduino/C++. And gained hands on experience in acquiring, prototyping, 3d printing assembling components and troubleshooting abilities for optimizing robotic system performance.

Web App Developer, Fortress Engineering - Internship

Jun. 2023-Aug 2023

Developed a web application using the Django framework to create an internal project management tool.

- Worked closely with team lead and other developers to integrate the tool into a larger ROV (remote operated vehicle) web interface that allowed users to plan and record the bot's mission details.
- Implement features such as team assignment, video recording and reporting to enhance the tools productivity.
- Gained experience with the Django web framework and its database management using Django's Object-Relational Mapping (ORM) and SQL.

PROJECTS AND RESEARCH

Twitter Bot - Freelance

Jan 2023 – Feb 2023

- Built a Twitter bot that both replies and quotes replies to the tweets of a target account containing specific keywords and temporarily hosted the bot online, which was used by a small business to increase account engagement.

CO-CURRICULAR ACTIVITIES

Code4All Initiative

2023 – 2024

Executive

- Lead the strategic planning and execution of volunteer management and educational content at The Code4All Initiative.
- Develop innovative lesson plans and directly engage in teaching coding skills to students from underserved communities.

SKILLS

Code : Python, Java, C, C++, Javascript, HTML, CSS, PHP, SQL, Solidity

Tools: Figma, Git

Soft Skills: Problem-Solving, Teamwork, Communication, Leadership, Public Speaking

REFERENCES

Available upon request