

FABRICE MUKARAGE

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EDUCATION

Ashesi University
BSc. Computer Science

Berekuso, Eastern Region - Ghana
Expected Date of Graduation: June 2023

Agahozo-Shalom Youth Village
Advanced level - Mathematics, Physics, & Computer Science

Rwamagana, Rwanda
January 2014 – November 2017

HONORS / AWARDS

Recipient, MasterCard Foundation Scholarship Program, Ashesi University	Aug 2019 – Present
Recipient, 1 of the 10 Global Impact Scholars from over 1000+ globally, Palantir Technologies	2022
Recipient, AWS Machine Learning Scholarship, Udacity Scholarship Team	Jun 2021 – Oct 2021
Recipient, SUSE cloud Native Scholarship program, Udacity Scholarship Team	Jun 2021 – Aug 2021
Recipient, Different computer programming certificates of completion, Udemy	2021
Recipient, The game of learner's hackathon Completion, Microsoft	2021
Best computer programmer, Agahozo-Shalom Youth Village	2017
Recipient, Yale Youth African Scholar Program, Yale University	2015

WORK EXPERIENCE

The Sparks Foundation – Singapore (Remote) Data Science & Business Analytics <ul style="list-style-type: none">Merging Python and Scikit-Learn to create machine learning models, crunch data from multiple internal and external sources, and assess the results.Linking diverse data sources into business intelligence software to enable predictive modeling and trend analysis and working as an interdisciplinary development team member in an agile setting.	Nov 2022– Present
Microsoft – Africa Development Center, Kenya Software engineer intern <ul style="list-style-type: none">Selected as one of 65 interns from a pool of 3000+ applicants from AfricaCreated a web application that provides information on available COVID-19 vaccines at registered centers and hosted it on Microsoft Azure	Jul 2022 – Nov 2022
Women Without Borders (WWB) – Cameroon Program and web developer intern <ul style="list-style-type: none">Developed a website for the company and improved 33% of people using the website.Managed database and increased server query response time by 21%.	May 2022 – Aug 2022
The Sparks Foundation – Singapore (Remote) Web Developer & Designer Intern <ul style="list-style-type: none">Created and developed dynamic websites with various specificationsUsed Bootstrap 5 framework, JavaScript, and PHP programming language and worked on testing methodologies	Dec 2021 – Jan 2022
Park&Pick (By North Harvest Ltd) – Kigali, Rwanda Market Revolutionist Intern <ul style="list-style-type: none">Worked on the company's E-commerce website and improved 34% of people using the websiteWorked on improving the upgraded market experience for customers	Jun 2020 – Sep 2020

PROJECTS AND RESEARCH

Fliers E-commerce Application GitHub Link Live Demo	Aug 2022 – Dec 2022
Personal project <ul style="list-style-type: none">Developed an E-commerce web application that provides fliers services for individuals and different businesses.This E-commerce web application is made of Bootstrap 5, Asynchronous JavaScript and XML, PHP, and MySQL.	

Revolutionizing Crops | [GitHub Link](#)

Aug 2021 - Dec 2021

Personal project

- Developed a web application to help the farmers from Rwanda quickly get necessary information about their crops.
- The web application comprises JavaScript, PHP, and MySQL for the database.

Smart E-irrigate | [GitHub Link](#)

Aug 2020 - Feb 2021

Group project

- Worked on an application system called Smart E-irrigate to aid farmers in irrigating their crops efficiently using PHP, JavaScript, Bootstrap 5, HTML and CSS, and MySQL database.
- Worked on both Front-End and Back-End to improve user experience

The Impact of Artificial Intelligence on Private Companies in Rwanda

Jan 2022 - Apr 2021

Personal Research project

- Researched the most effective ways for Rwandan private businesses to use AI technology to improve their performance and market development.
- Demonstrated the different areas in private companies where AI can be used to improve companies' performance.

EXTRA-CURRICULAR ACTIVITIES

Google Developer Students Club - Ashesi University

Sep 2021 - Present

Mentor

- Supporting the students in mobile and web development tutorials and helping them do peer learning and connect
- Helping Junior Ashesi students develop skills in mobile and web development and apply those gained skills to develop solutions for local businesses

Full Stack Software Engineering program - African Leadership X (ALX)

Nov 2020 - Present

Trainee

- Virtual curriculum for finding, pursuing, and creating career possibilities while specializing in front-end and back-end development.
- Getting enduring connections for future success and enhancing technical proficiency

Cyber Geeks club - Ashesi University

Aug 2020 - Present

Trainee

- Learning more about cyber security through mentorship from senior engineers to gain more skills in cyber security.
- Gaining skills needed to advance a career in Information technology and getting the tools and education needed to advance a career in cyber security

Project Management club - Ashesi university

Jan 2022 - Present

Mentor

- Teaching junior students how to manage projects by improving their leadership skills and ethical reasoning
- Providing freshmen students with one-to-one sessions mentorship on how to develop skills needed towards employability

Bowney Initiative - Accra / Ghana

Sept 2019 - Apr 2022

ICT Mentor

- Educated under-resourced adolescent girls in Accra, Eastern Region various concepts under Information Technology
- Helped adolescent girls in Accra to realize their educational and career goals through academic mentorship

Google Get Ahead Africa Program - Google

Apr 2021 - Jun 2021

Trainee

- Participated in a 9-week virtual program for selected Computer Science students from all over Africa.
- The program involved technical challenges, YouTube live training, and interview workshops.

Skills

- **Technical Skills:** PHP (fluent), JavaScript, Python, C++, Java, Full Stack Development, Data Science (intermediate), Deep Learning, Machine Learning, MySQL, Git, Cloud Computing, Data Structures & Algorithms, and ReactJS and Bootstrap 5 frameworks.
- **Soft Skills:** Teamwork and Communication skills, leadership and management skills, and problem-solving skills