ERIC GADZI

Accra, Ghana || +233 (0)558270332 || eric.gadzi@ashesi.edu.gh
LinkedIn: www.linkedin.com/in/eric-gadzi || GitHub: https://github.com/Eric-Gadzi

EDUCATION

Ashesi University	**Berekuso, Eastern Region**
BSc. Computer Science	**Expected Date of Graduation: Jul 2023**

Cumulative GPA: 3.59/4.00

Relevant Course Work: Linear Algebra, Statistics And Probability, Information Systems And Security, Database Management System, Software Engineering, Research Methods, Algorithm Design And Analysis,

ACHIEVEMENTS/AWARDS

Fellow, The Melton Foundation Global Citizenship Program, Melton Foundation-USA	**Apr 2022 - Present**
Recipient, Kufuor Scholars Program, H.E. John Agyekum Kufuor Foundation	**Sep 2020 - Present**
Recipient, The Jim Ovia Foundation Scholar Program, Ashesi University	**Sep 2019 - Present**
Dean's List Honours (GPA of 3.5 and above in a semester), Ashesi University	**Dec 2019 - Dec 2021**

WORK EXPERIENCE

Software Development Intern, SAYeTech Company Ltd   **Jun 2021 - Jul 2021**
- Researched various technologies to improve farmers' productivity in the Ashanti Region of Ghana.
- Designed a frontend for a data collection and reporting app using flutter within one month.
- Improved data collesssction and complaint response on farming equipment of clients by 20%.

Technology Intern, Bright Network U.K.   **Jun 2021**
- Participated in a workshop with Google and EY Consultancy experts to learn about the latest technological trends.
- Researched and made eight informative PowerPoint slides detailing various technologies like facial recognition cameras embedded with AI technology in tracking social distancing across multiple office spaces cost-efficiently.
- Programmed a simulated YouTube web application from scratch using java.

Technology Division Job Shadowing, Zeepay Ghana Ltd   **Jun 2020**
- Studied banking documentation and the backend processes for financial transactions used for software development.
- Learnt risk and compliance management for international money transfers.
- Researched 500 Pep-List of high officials in Ghana for Zeepay mobile app creation.

PROJECT AND RESEARCH

Shipwreck Survival Prediction, Data Science Course Project   **Dec 2022**
- Conducted analysis on dataset to determine if a passenger survived a shipwreck.
- Cleaned and visualised dataset using pandas and matplotlib, respectively.
- Computed a mean accuracy of 80% for random forests using K-means to stratify the dataset.

Ashesi Entrepreneurship Centre Dashboard, Software Engineering Project   **Jan 2022 - Jun 2022**
- Applied agile methodology to develop a web-based entrepreneurship dashboard.
- Demonstrated expertise in designing UML diagrams and translating client's needs into software requirements and specifications for implementation.
- Built a secured database and robust backend using SQL and PHP to increase investors' engagement by 50%.

Stadium Management Information Systems, Personal Project   **Sep 2021 - Dec 2021**
- Built a database to track revenues and participants in activities like football in various stadiums in Ghana.
- Designed an ER model and translated the model to a relational schema implemented in SQL.
- Created interactive frontend using CSS, JavaScript, Bootstrap, and HTML.
- Reduces unaccounted cost and revenue by 20% and increases participation by 50% due to easy ticketing online.

CO-CURRICULAR ACTIVITIES

She Knows She Can, Ford Foundation-funded Initiative   **Jan 2022 - Present**
Project Coordinator
- Initiated 15 high school teenage girls for teenage pregnancy reduction program in Damanko, Oti Region.
- Led career development sessions in technology and digital awareness.

Global Citizenship Program, Melton Foundation USA   **Apr 2022 - Present**
Junior Fellow
- Trained in utilising available resources to analyse and solve problems both locally and internationally.
- Volunteered to conduct research on improving the sustainability of a Chilean restaurant despite language and cultural differences.
- Recommended three sustainable ways to the business to recycle 80% of wastage and food residues.

SKILLS

- **Technical Skills**: Java, Python, R, HTML5, CSS3, SQL, PHP, Git, GitHub.
- **Proficient in Microsoft Office Suite**: PowerPoint, Excel, Word.
- **Soft Skills**: Communication, Design thinking, Teamwork, Problem solving, analytical skills, Critical thinking, Research

REFERENCES

Available upon request