M B RICHARD.

Programmer and an Educator

RICHARD BOAH MENSAH

AP 45, Guinea St. Akuapim, Assin Foso, Assin Central Municipal, Ghana. (CR-0014-9594)

Tel: +233(0)246262759/243991578
Email: richardboahm@gmail.com/yung_sady@icloud.com
LinkedIn: https://www.linkedin.com/in/richard-boah-mensah-61943021b/
GitHub:
Portfolio:

— Profile

A Computer Science graduate with a passion for technology and a solid foundation in the field. Equipped with a diverse skill set, including programming proficiency in languages like Java, Python, and C++, as well as a deep understanding of algorithms, data structures, and software development methodologies. Adept at problem-solving and critical thinking, with the ability to analyze complex issues and devise efficient solutions.

In addition to technical abilities, possesses excellent communication and teamwork skills, honed through collaborative projects and group assignments. Demonstrates a commitment to continuous learning, keeping up-to-date with emerging technologies and industry trends. Eager to apply knowledge and skills to contribute effectively in software development, data analysis, or any technology-related role. A dedicated, adaptable, and innovative individual ready to make a positive impact in the world of computer science.

— Skills

TECHNICAL (IT) SKILLS:

Programming Tools

Eclipse, NetBeans, MS Visual Studio, Xampp, Wamp, Visual Studio Code, JetBrains (IntelliJ and Pycham), Android studio.

Database Management

SQL Server 2014 and Date, MS Access, MS Excel, MySQL.

Programming Languages

PHP, C++, C, Python, Prolog.

Web Development

HTML, CSS, JavaScript.

Research and Planning

Identifying Problems, Gathering Information, Developing Evaluations, Calculating Results Soft Skills.

SOFT SKILLS:

Communication, Teamwork, Flexibility, Confidence, Problem-Solving, and Self-management.

Experience

Professional and Leadership Experiences:

National Identification Authority /Service Personnel (ATEO)

NOVEMBER 2022 - OCTOBER, 2023, ASSIN NORTH DISTRICT

- Assisting the District Registration officer (DRO) to set up, maintain and close the district registration office daily.
- Capturing onto the enrolment system, the personal information of applicant as recorded on the Registration Application Form.
- Capturing the biometric information such as the fingerprint, irises and pictures of applicant using a Mobile Registration Workstation (MRW).
- Ensuring the accurate capture of data input(s) received from Assistant Registration officer(s).
- Managing the printer and print server to ascertain the status of National Identity cards in print.
- Printing and issuing National Identity cards to applicants.
- Reporting any technical problems to the District Registration Officer.
- Ensuring the safety, security, proper accounting and proper handling of registration materials and equipment assigned to the District Registration Office.
- Ensuring that applicants are served with respect, fairness and impartiality.
- Submitting daily, weekly and monthly activity reports to the District Registration Officer.
- Taking on any other duties that may be assigned by the Executive Secretary or through his representative.

National Service / Vice President

NOVEMBER 2022 – OCTOBER 2023, ASSIN NORTH DISTRICT

- I was the Chief Executive and preside over all meetings when the president is not around.
- I'm the Chairman of all committee formed within the Association except the audit
- I'm the official mouth piece for the association in the absence of the president.
- With other Executives, we undertake a tour of the areas under our authority to acquaint themselves with problems of Service Personnel within the catchment
- area.
- Supervise work within our enclave.

Computer Science Student's Association/ Technical Coordinator

2021/2022 ACADEMIC YEAR, AKIM STATE COLLEGE

- Providing technical support to association members, employees, or partners. This can involve troubleshooting technical issues, offering guidance, and addressing queries related to the association's activities.
- Evaluating, selecting, and managing software applications and tools used by the association to enhance productivity and streamline processes.

- Facilitating effective communication between technical teams and other departments or stakeholders. I also act as a liaison to ensure that technical requirements align with the association's goals and objectives.

- Managing technical projects or initiatives within the association, which can involve planning, budgeting, and coordinating the efforts of technical teams to achieve specific goals.

- Organizing training sessions for association members or employees to ensure they are well-versed in using technical resources and tools effectively.

- Staying updated on the latest technological trends and innovations that could benefit the association. They may also assess the feasibility of implementing new technologies.

Student Representative Council (SRC)/Clerk of Parliament

2021/2022 ACADEMIC YEAR, AKIM STATE
COLLEGE

- Organizing and managing SRC meetings, including setting agendas, scheduling sessions, and recording meeting minutes. They help maintain order during meetings and ensure that discussions and decisions are documented accurately.

- Serving as a point of contact between the SRC and other student government bodies, administrative offices, and external entities. The Clerk is also responsible for disseminating information related to SRC activities.

- Advising SRC members on parliamentary rules and procedures, helping to ensure that debates and decision-making follow established rules and protocols.

- Ensuring that the activities of the SRC align with the constitution and bylaws of the student government. They may assist in the amendment or interpretation of these governing.

- Conducting research on issues relevant to the student body and assisting in the development of policies, resolutions, and initiatives based on this research.

Computer Science/ Class Representative
AUGUST 2018 - SEPTEMBER 2022, AKIM
STATE COLLEGE

- Acting as a liaison between the students in their class and university faculty, administrators, and other relevant authorities. Class Reps convey feedback, questions, and concerns from their peers to the appropriate parties.

- Disseminating important information, announcements, and updates from university officials, faculty, or student organizations to their classmates. This ensures that all students are well-informed about academic and extracurricular matters.

- Assisting in resolving academic or administrative issues within the class. This could involve helping classmates address concerns related to assignments, exams, or classroom facilities.

- Collaborating with other Class Reps and student government representatives to address broader university-wide issues and initiatives. They may participate in student council or senate meetings.

- Promoting a sense of unity and community within the class by organizing

activities that foster social connections and teamwork.

- Encouraging classmates to attend lectures, participate actively in discussions, and engage with academic and extracurricular activities.

Birim Central Municipal Assembly/ Intern
JUNE 2021 - SEPTEMBER 2021, AKIM ODA

- Gained proficiency in repairing computer hardware, ensuring that hardware components operate as intended.

- Demonstrated proficiency with typing and document formatting, as well as editing.

- Use and maintain a range of office supplies, such as printers, with efficiency.

- Completed data input tasks fast and accurately.

- Extremely proficient in the use of Microsoft Excel for data analysis and reporting.

- Acquired experience by participating in the local assembly.

Holy Spirit Anglican JHS / School prefect
2015/2016 ACADEMIC YEAR, ASSIN FOSO

- I'm the official mouth piece for the school in the absence of the headmaster.

- It is my duty to maintain an atmosphere of friendly cooperation, peace, discipline and unity in the school.

- I served as a counselor to my junior students.

- I adhere to School Rules and Regulations at all times.

Holy Spirit Anglican Primary / Compound overseer
2012/2013 ACADEMIC YEAR, ASSIN FOSO

- I have to ensure that the school compound is always clean.

- I also have to ensure that the duties assigned to each section are undertaken.

Project Experiences:

(Akim State College - Final Year Project) Online Fees Payment System using Mobile Money and credit card.

- As part of my final year project, I designed and implemented an Online Fees Payment system.

- A well-designed and intuitive user interface that allows users, including students, parents, and administrative staff, to easily navigate the system and make payments with minimal effort.

- Robust user authentication methods, such as username and password, to ensure the security of user accounts and transactions.

- Instant processing of payments, with users receiving immediate payment confirmation and receipts for their records.

- Automatic email notifications to users, confirming successful payments and providing transaction details.

- Seamless integration with the school's SIS to retrieve accurate fee data, including student names, IDs, and fee amounts.

- The ability for educational institutions to customize the system to align with their branding, including adding logos and school-specific details.

- Compatibility with various web browsers to ensure that users can access and use the system regardless of their browser choice.

Volunteering Experiences:

Development of a Multifactor Authentication System (2022- Final Year Project))

- I helped a team encrypt data during transmission to protect it from interception or eavesdropping.

- MFA solutions with user-friendly and straightforward enrollment processes as well as clear instructions for users on how to complete the additional authentication steps.

- When attempting to login, users are given a One-Time Password (OTP) to prove the account's authenticity.

- A secure process for granting temporary access in emergency situations, such as when a user is locked out.

Gym Management System Using the VB.NET (2022- Final Year Project)

- I assisted others in developing a notification page to notify members when it is time to renew their membership or share mass messages.

- Generate various reports, including membership statistics, financial summaries, attendance records, and more.

- Secure login and user authentication for members and administrators.

- Robust data backup and recovery mechanisms to protect member and business data.

Design and Implement of Pharmacy Management System (2022- Final Year Project)

- I supported other group to develop a pharmacy management system.

- To monitor inventory levels, expiration dates, and restock thresholds.

- Store supplier information and manage relationships.

- Define user roles and permissions to restrict access to sensitive information.

- Maintain a comprehensive record of each patient's prescription history and medical conditions.

- Send notifications for prescription refills, medication pick-ups, and other important events.

- Manage multiple pharmacy locations from a central system.

Education

Akim State College (Affiliated to KNUST) / BSc. Computer Science AUGUST 2019 - SEPTEMBER 2022, AKIM ODA-ASENE

A Computer Science graduate with a comprehensive academic background encompassing a wide array of essential subjects. Proficient in areas such as Operating Systems, Computer Networks, Database Systems, Programming Languages, Computer Architecture, Machine Learning/AI, Computer Graphics, Web Development, Human-Computer Interaction, Software Engineering, and Computer Security.

St. Andrews Senior High / General Science
SEPTEMBER 2016 - JUNE 2019, ASSIN FOSO

A dedicated student with a strong academic focus on key scientific disciplines, including Biology, Chemistry, and Physics, alongside Elective Mathematics and other core subjects. Possesses a solid foundation in the sciences, emphasizing critical thinking, analytical skills, and a curiosity for understanding the natural world.

Accomplishments

BSc. (Hons) Computer Science (1st class)
Akim State College, Akim Oda
August 2019 – September 2022

Design and Implementation of an Online Fees Payment System (Final year project)
Akim State College, Akim Oda
August 2021 – September 2022

National Service Personnel Association – Vice President
Assin North District
November, 2022 – October 2023.
Yeva Hyusyan
Chief Executive Officer (CEO)

Technical Coordinator
Computer Science Student Association (COMSSA)
2021 / 2022 Academic Year.
Mr. Abdul Mumin Seidu
Head of Department, Computer Science

Clerk of Parliament
Student Representative Counsil (SRC)
2021 / 2022 Academic Year.
Adu-Gyebi Isaac
Student Representative Counsil (SRC), President

HTML Fundamentals Course
Solo learn
5th May, 2020.
Yeva Hyusyan

Chief Executive Officer (CEO)

Python for beginners Course
Solo learn
10th November, 2021.
Yeva Hyusyan
Chief Executive Officer (CEO)

Interest

Teaching

Enthusiastic in sharing information and promoting learning in others.

Typing and Designing

I like to create and format designs and documents.

Database Management

Capable of effectively arranging and overseeing data.

Computer Programming

A passion for writing code and creating software.

Problem-Solving and Analysis

Able to use critical thinking and observation to pinpoint and resolve problems.

Researching

Take pleasure in carrying out study to obtain important insights.

Watching Documentaries

Interested in learning through the visual narrative of documentaries.

Music

I enjoy listening to music and get inspiration from a wide range of styles.

Reference

Mr. Emmanuel Asare-Bediako/ District Registration Officer (DRO)
National Identification Authority (NIA)/ ASSIN NORTH DISTRICT – ASSIN BEREKU
ekasarebediako@gmail.com
0244776315

Mr. Stephen Asamoah/ District Director
National Service Secretariat (NSS) / ASSIN NORTH DISTRICT – ASSIN BEREKU
ekasarebediako@gmail.com
0542521704

Mr. Alfred Anarfi/ Senior Administrative Officer
Akim State College - AKIM ODA
Alfred.anarfi@asuc.edu.gh/anarfidomina@yahoo.com
0547286250/ 0202046424

~~**Mr Philip Darko**~~/ Registrar and Lecturer
Akim State College - AKIM ODA
0542864518