

EMMANUEL JUNIOR OWUSU

SOFTWARE ENGINEERING STUDENT



◦ DETAILS ◦

📍 Berlin, Germany

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✉️ [My Email](#)

🔗 [Linkedin](#)

🔗 [Portfolio Website](#)

🔗 [Github](#)

◦ COMPETENCIES ◦

Agile & Scrum Methodologies

Frontend Development

Research & Data Analysis

Full-Software Development

Lifecycle (SDLC)

◦ TECH SKILLS ◦

Languages: Java, Python,

JavaScript, HTML5, CSS3

Tools & Platforms: Github,

Docker, LaTeX, Jira, VS Code,

Figma, Android Studio

◦ LANGUAGES ◦

English – Fluent

Twi – Mother Tongue

◦ INTERESTS ◦

Scientific Research

Web & Mobile App Development

Artificial Intelligence & Intelligent Systems

WORK EXPERIENCE

Government employment, Breman Seventh-Day Adventist Hospital, Kumasi-Ghana.

12/2021 — 08/2023

- Execute laboratory testing/ Sample processing.
- Adhere to standard procedures.
- Observe and interpret research findings/ results interpreting.
- Microscopy.
- Organize and store all chemicals substances
- Work alone and lead a shift (take charge of a shift)

National Service, Breman Seventh-Day Adventist Hospital, Kumasi-Ghana.

09/2020 — 09/2021

- Welcome patients and explain their procedures
- Receive, label and analyze samples (blood, toxic, tissue, etc.)
- Sample taking/Phlebotomy
- Execute laboratory testing/ Sample processing.
- Adhere to standard procedures.
- Observe and interpret research findings/ results interpreting.
- Microscopy.
- Organize and store all chemicals substances.

Part-time work, Breman Seventh-Day Adventist Hospital, Kumasi-Ghana.

01/2020 — 08/2020

- Welcome patients and explain their procedures
- Receive, label and analyze samples (blood, toxic, tissue, etc.)
- Sample taking/Phlebotomy
- Execute laboratory testing/ Sample processing.
- Adhere to standard procedures.
- Observe and interpret research findings
- Organize and store all chemicals substances.

Voluntary Work, Breman Seventh-Day Adventist Hospital, Kumasi-Ghana.

12/2017 — 12/2019

- Welcome patients and explain their procedures
- Receive, label and analyze samples (blood, toxic, tissue, etc.)
- Sample taking/Phlebotomy
- Adhere to standard procedures.
- Observation
- Organize and store all chemicals substances.

EDUCATION

BSc Software Engineering, University of Europe for Applied Sciences, Potsdam-Germany.

08/2023 — 08/2026

- **Relevant Courses:** Advanced Programming (Backend & Frontend), Agile-Scrum, Intelligent Systems & AI, Data Structures & Algorithms.
- Thesis focus on AI/ML applications is anticipated.

HnD Medical Laboratory Technology, Royal Ann College of Health, Kumasi-Ghana

08/2018 — 11/2021

- **Relevant Skills:** Meticulous data analysis, precision under pressure, adherence to strict protocols, and analytical reporting.

UNIVERSITY RESEARCH & PROJECTS

AI-Powered Hearing Health Analysis, University of Europe for Applied Science, Potsdam-Germany.

07/2025 — 07/2025

- Led a research project analyzing MRI data and clinical literature to investigate the impact of earbud usage on hearing health.
- Utilized Python in Google Colab for data processing and analysis.
- Professionally documented findings and methodology using LaTeX

Flipcoinz - Stock Market Web Application, University of Europe for Applied Science, Potsdam-Germany.

07/2025 — 07/2025

Acted as a **Scrum Master & Core Contributor**

- Led a cross-functional agile team as Scrum Master, removing impediments and fostering a collaborative environment that adhered to Scrum principles throughout the development sprint.
- Authored the initial architectural skeleton of the application (script.js, styles.css, index.html), establishing the project's structure, coding conventions, and version control workflow for the team to follow.
- Assisted developer for core modules including the live market data feed integration and the transaction logic for buying and selling stocks.



PERSONAL PROJECT

Personal Portfolio Website, University of Europe for Applied Science, Potsdam-Germany.

02/Year — 02/2025

- Designed and developed a responsive personal portfolio website from scratch to showcase projects and skills.
- **Tech Stack:** HTML, CSS, JavaScript, GitHub Pages