# EDUCATION

## University of Ghana – Ghana. Major: *Computer Science* 2019 - 2023

**Relevant Coursework:** Object-Oriented Programming and Data Structures, Web Applications, Mobile Applications Development, Introduction to Artificial Intelligence, Advanced Database Concepts.

# EXPERIENCE

## Kwame Nkrumah University of Science and Technology (UITS) Aug 2022 – Oct 2022 *Software Engineer Intern*

* Re-architected legacy PHP reservation system, achieving 5x faster response time using Django.
* Implemented a CMS for an existing website, streamlining its organization and user experience.
* Facilitated efficient software development through technical support and troubleshooting assistance.

## Renies Cite Enterprise May 2019 – Sep 2022 *Software Engineer*

* Designed and developed a user-friendly, cross-platform mobile application that generated over 5000 invoices annually, significantly improving the business's productivity.
* Developed a cutting-edge mobile app with React Native using FastAI to accurately detect plant diseases.
* Conducted comprehensive testing to ensure SRS compliance and seamless user experience for mobile apps.

## Redemption Assemblies of God Church Jan 2019 - June 2022 *Full Stack Developer*

* Designed responsive, cross-browser website with 17% faster load time, enhancing user experience.
* Delivered timely and effective technical support, contributing to high user satisfaction and retention.
* Managed multiple SQL databases, guaranteeing their stability and ensuring their consistent functionality.

# PROJECTS

## Resume Analyzer – *JavaScript, React.js, Python, FastAPI.*

*An AI powered web application designed to parse, compare and rank resumes against a job description.*

* Implemented state-of-the-art AI techniques to examine and deliver accurate resume analysis using GPT-3.
* Designed user-friendly front-end with React.js and integrated secure, scalable back-end using Python and FastAPI for efficient performance with large data volumes.

## ThirdNerds – *JavaScript, Next.js, TypeScript, Express.js, Node.js, MongoDB.*

*A comprehensive and dynamic online professional development program.*

* Designed and implemented user-friendly interfaces, allowing students to easily navigate and engage with the program's rich multimedia content, resulting in high levels of user engagement and satisfaction.
* Built scalable and robust back-end infrastructure using Node.js and MongoDB, ensuring seamless delivery of high-quality content and reliable performance even during peak usage.

## Employee Attendance System - *Typescript, React.js, Electron.js, Node.js, Sqlite3.*

*A sophisticated desktop program designed to assist organizations in monitoring employee attendance.*

* Developed a sophisticated desktop program for employee attendance tracking with React.js, Electron.js, and Node.js, delivering increased efficiency and productivity to HR departments.
* Implemented a scalable database using Sqlite3 to effectively store and retrieve employee attendance data, resulting in streamlined data management for organizations.

# SKILLS AND INTERESTS

* **Programming languages**: Python, TypeScript, JavaScript.
* **Tools and Frameworks** : HTML5, CSS3, REACT.JS, NEXT.JS, REACT NATIVE, NODE.JS, EXPRESS.JS,

DJANGO, SQL, REST, TESTING, LINUX, REDUX, GIT, BOOTSTRAP, RESPONSIVE WEB DESIGN, UI/UX DESIGN, FIGMA.