

# SILAS SANGMIN

+233542893998 | [sangminsilas@gmail.com](mailto:sangminsilas@gmail.com)  
[Portfolio Website](#) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

### Ashesi University

BSc. Computer Science  
Cumulative GPA: 3.58/4.00

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

**Relevant Courses:** Data Structures & Algorithms, Software Engineering, Web Technologies, Information and Systems Security, Database Systems, Operating Systems, Data Science, Machine Learning, Research Methods

## ACHIEVEMENTS / AWARDS

- **2<sup>nd</sup> Runner Up**, D-Lab Hackathon – Designed a scheduling system for Ashesi event organizers **Oct 2022**
- **The MasterCard Foundation Scholar Program**, Ashesi University **Sep 2019 – Present**
- **Dean's List** (3.5 GPA and above) – Ashesi University **Aug 2020 – Present**

## WORK EXPERIENCE

### KudiGo Inc – Accra, Ghana

**May 2021 – May 2023**

#### Software Engineer

- Developed an e-commerce platform with 20+ retailer registrations, improving customer experience and expanding company reach.
- Optimized website responsiveness to 100% for displays across various screen sizes
- Designed and built a web app that migrated the company from a WhatsApp food ordering system to an interactive platform, resulting in a 60% increase in revenue.
- Developed responsive kudiGo websites, attracting over 1000+ users for the company

### Ashesi University Library – Berekuso, Ghana

**Sep 2022 -Dec 2022**

#### Work Study and Research Intern

- Helped with the day-to-day running of library services, and improved students' library visits by 10%
- Efficiently managed inquiries from students and staff, providing coursework support, IT issues, and research.
- Managed library resources efficiently, including check-ins/outs and filing/replacing returned items, promoting resource utilization by 100%

### Family Search, Unique Generation Africa, – Wa Ghana

**June 2021 - Aug 2021**

#### Data Analyst Intern

- Analyzed and visualize data to make informed decisions for the company, which increased productivity by 70%

## PROJECTS AND RESEARCH

### Hate-Speech Detection on social media – Machine Learning

- Implemented a deep learning model to detect and control hate speech on social media using PyTorch
- Cleaning and visualizing data

### Crop Lab – Crops Diseases Detection Using Deep Learning Integrated with a Mobile App

- Developed a mobile application for crops diseases detection to increase agricultural productivity and food quality in Ghana
- Provided a quick and low-cost crop monitoring tool for about 1,000,000+ farmers in Ghana
- Mastered research skills, data preprocessing, and deploying machine learning models in live production

## CO-CURRICULAR ACTIVITIES

### Organizer, Chaang Community Youth Association, Chaang Community

**Oct 2020 – present**

- Co-ordinated the establishment of Chaang Community Library to make learning accessible for 500+ youth in the community
- Organized and facilitated meetings and communal labor programs that enhanced community growth and development in infrastructure and standard of living by 70%

### Object Oriented Programming (OOP) Tutor, Ashesi University

**Jan 2023 – June 2023**

- Developed and delivered comprehensive lessons on Object-Oriented Programming (OOP) using Java
- Facilitated a supportive and engaging learning environment for 70+ students, ensuring their understanding in OOP.
- Designed and administered a series of daily coding challenges to evaluate and improve students' programming skills.

### Programming Tutor, Firenze Organization

**Aug 2021 – June 2022**

- Taught a python-based curriculum that enlightened 10 kids on the basics of computer programming
- Improved the programming skills of said kids via a series of 12 weekly coding challenges and assessments

## SKILLS

**Programming Languages:** Proficient in JavaScript, Typescript, Python, Java, CSS, and HTML5

**Technologies:** Angular, MySQL, ReactJS