SANDAMAHERY Sahy Liana

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EDUCATION BACKGROUND

Kampala University (KU)

Kampala, UG

Bachelor of Computer Science and Information Technology

Aug 2021-Apr 2024 (Expected)

Overall GPA: 4.72/5.0 - First Class Honours (*Computer Science's best student*)

Relevant Courses: Discrete Math, Management Information System, Computational Math, Computer Organization & Architecture, Programming Methodology (C), Computer networking & Data Communication, System Analysis and Design, Information System Security, Visual Programming (VB), Database Programming (SQL, Oracle), Software Engineering, Java Programming, Linux OS, Design and Analysis of Algorithms, Web Programming, Data Structure in C++, Distributed Systems and Client/Server Computing, Multimedia Technologies & Application Design, AI and ES etc...

RELEVANT PROJECTS

Design of e-commerce management system with MERN (final year project)

Kampala, UG

Supervisor: Ms Brenda Kintu Nakirya, Dean of Computer Science

Jun. 2023 - Dec. 2023

- Used MongoDB, ExpressJS, ReactJS and NodeJS or MERN stack.
- Implemented AI chatbot using NPM packages and JavaScript.
- Implemented Google Map for location delivery.
- Implemented QR and Bar Code receipt.
- Implemented Charts and Graphs using Apex-Chart.

Design of Enterprise Resource Planning (ERP) System

Kampala, UG

Supervisor: Ms Brenda Kintu Nakirya, Dean of Computer Science

Jan. 2023 - Apr. 2023

- Investigated the current school system features and weaknesses
- Used PHP, Bootstrap 5, CSS, MySQL for development.
- Enhanced the security and privileges of lecturers and different stakeholder's actions.

Design of University of Oxford clone home page with Tailwind CSS (https://ssl-popatsy.netlify.app/)

Kampala, UG

Design of University of Liverpool clone home page with Tailwind CSS (https://ssl-popatsy-oxford.netlify.app/) Kampala, UG

PROFESSIONAL EXPERIENCE

Urban Host IT LTD Kampala, UG

Internship, Advisor: Mr Egessa Micheal (Senior Developer), Supervisor: Ms Brenda Kintu Nakirya

Dec. 2022 - Feb. 2023

- Assisted the company in software development using PHP, WordPress, Joomla and Git
- Developed an Online Coffee Shop mobile application using Android Studio
- Designed a Chipper Cash web interface using Bootstrap 5.

Kampala University

Kampala, UG

Dean of Computer Science Assistant

Aug. 2022 - Now

- Inserted student's marks
- Informed students about events, meetings, PPTs and assignments.

SKILLS

Software: VS Code, Android Studio, Postman, Docker Desktop, Microsoft SQL server management studio, CorelDRAW, Photoshop. Programming Languages: C, Java, JavaScript, TypeScript, SQL, Python, VB.

Frameworks/Libraries: ReactJS, ExpressJS, NodeJS, Bootstrap 5, Tailwind CSS, Django, NestJS, Prisma, Mongoose.

Languages: Malagasy (Native), French (Fluent), English (Fluent), Chinese (Excellent- HSK 4).

Hobbies: Classic Piano (8+ years experience), video games, swimming.