EMMANUEL KAYEWA

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EXPERIENCE

KABWE COLLEGE OF HEALTH SCIENCES | Lead Engineer   Kabwe, ZM | September 2021 - Present
- Develop and maintain the college's website, enhancing information accessibility and streamlining student inquiries.
- Spearhead digital marketing campaigns, leveraging Search Engine Optimization (SEO) and social media strategies to amplify enrollment and course visibility.
- Oversee IT operations, providing timely technical support and solutions, ensuring optimal system performance and user satisfaction.
- Innovated an online application portal, digitizing the registration process, leading to operational cost savings, increased efficiency, and eco-friendly practices.

CHINA SOFTWARE CUP | Team Leader   Wuhan, CN | September 2017 - December 2017
- Competed in a prestigious software design competition, showcasing technical and innovative prowess.
- Directed a team of 5, conceptualizing and developing an Augmented Reality travel app, enhancing user engagement and experience.
- Employed vector-based prototyping tools like Figma for intuitive user interface and experience design.

WUHAN UNIVERSITY | Software Engineer Intern   Wuhan, CN | June 2016 - September 2016
- Collaborated in a dynamic team environment to design a task management app for Android using JAVA.
- Integrated Google Firebase for robust user authentication and data management.
- Adopted version control tools like Git and embraced the Scrum/Agile methodology for efficient team collaboration and project delivery.

EDUCATION

WUHAN UNIVERSITY   Wuhan, CN | September 2019 - June 2021
Master of Engineering in Software Engineering

WUHAN UNIVERSITY   Wuhan, CN | September 2015 - June 2019
Bachelor of Engineering in Software Engineering

PROJECTS

LOAN APPLICATION ⬈   JavaScript, PostgreSQL, React
Designed and implemented a data-centric loan application for full-time employees emphasizing robust data management. Created a user-friendly interface for loan applications. Enabled real-time data tracking for application status and repayments and provided a centralized database for HR and finance departments, ensuring data accuracy and integrity. PostgreSQL was employed for efficient storage and retrieval of data.

IMAGE FORGERY DETECTION SYSTEM ⬈   Python, Tensorflow 2.0, Image processing, AWS
A novel two-stream deep learning network that distinguishes between authentic and forged images by utilizing techniques that are effective in image processing tasks.

TOXIC COMMENT CLASSIFICATION ⬈   Python, Keras, Matplotlib, Pandas, Twitter API
A sentiment analysis system built to check toxicity in online comments using a multi-headed model that detects toxicity types like threats, obscenity, insults, and identity-based hate.

TECHNICAL SKILLS

Languages: Python, JavaScript, Typescript, SQL, Java   **Databases:** PostgreSQL, MongoDB, Firebase Database
Frameworks: React, Node.js, Tensorflow, Android   **Tools & Platforms:** Git, GitHub, AWS, GCP, Docker, WordPress, Figma

LANGUAGES

Native Fluency: English, Bemba, Tonga, Nyanja   **Working Proficiency:** Chinese (HSK 4)