

UKWITEGETSE Valens

Computer Engineering Student | Software and Network Engineer

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📍 Kigali City, Nyarugenge District

Objective

A highly motivated Computer Engineering student seeking a consistency Software Development, networking and embedded system Internship to apply technical expertise and problem-solving skills in a real-world setting. Eager to contribute to innovative software, maintenance and networking solutions and further develop my programming, team collaboration, and leadership abilities.

Education

Bachelor's Degree in Computer Engineering

University of Rwanda, Huye Campus & Nyarugenge Campus / 2022 – Present

- Relevant Coursework: Data Structures, Operating Systems, Software Engineering, Algorithms, Database Systems, Web Development, Computer Networks Network security and System Administration.

Advanced Secondary School (A2)

GS Gicura / 2018 – 2021

- Diploma in Mathematics, Computer Science, and Economics (MCE)

Technical Skills

Programming Languages

Python, C, C++, Java, PHP

Web Development

HTML, CSS, JavaScript, PHP, Bootstrap, React Native

Database Management

MySQL, SQL, MongoDB and Firebase

Software & Tools

Dev C++, Visual Studio, NetBeans, Xampp, Spyder, Notepad++, Microsoft Office Suite

Operating Systems

Windows, Linux (Ubuntu)

Frameworks

Django, Flutter for Mobile app

Version Control

Git, GitHub

Certifications

- Data Science Certificate
- IT Essentials Certificate
- Cybersecurity Certificate
- CCNA: Introduction to Networks Certificate

Click here to view

<https://drive.google.com/drive/u/0/folders/1HDV5IjHQamKCCf0RMFngUsZ4QWjURig?lfhs=2>

Work Experience

Software Developer Intern

National Industrial Research and Development Agency (NIRDA) | March 2024 – May 2024 (2 months)

- Assisted in the development and testing of software modules for Knowledge Management System (KMS).
- Gained hands-on experience with a professional skills in IT support and Hardware troubleshooting .

IT Support Intern

Rwanda Education Board (REB) / April 2024 – July 2024 (3 months)

- Provided technical support to ICT in Education Department, installing relevant software like windows, office 365, preparing, packaging and deploying Microsoft Intune for ICT device.
- Assisted in the maintenance of IT infrastructure and troubleshooting the system issues, reviewed and corrected distribution list and management tasks.

Computer Science Teacher

GS Gicura / 2021 (3 months)

- Instructed students on fundamental computer science topics, including basic programming, Computer security, Database, Computer Network and Data structure and digital literacy.
- Developed lesson plans, assignments, and assessments to improve student engagement and learning outcomes.

Software Developer (Freelance)

Self-Employed / 2022 – Present

- Developed several projects, including websites and mobile applications, using a variety of programming languages and frameworks.
- Collaborated with clients to understand project requirements and deliver customized solutions.
- Implemented database management systems and dynamic content using MySQL, PHP, and JavaScript.

Projects

Mobile Application for Elderly Users

- Designed a mobile application to assist elderly users with navigation and accessibility features.

- Used Java for Android development, with a focus on intuitive user interfaces and accessibility tools.

Web-Based Healthcare Management System

- Developed a web application for managing patient records, appointments, and billing.
- Utilized HTML, CSS, JavaScript, and MySQL for a responsive, user-friendly interface and efficient data management.

Languages

- **Kinyarwanda:** Excellent (Speaking, Writing, Reading, Listening)
- **English:** Very Good (Speaking, Writing, Reading, Listening)
- **French:** Good (Speaking, Writing, Reading, Listening)

Personal Skills

- **Leadership:** Demonstrated leadership in group projects and academic settings.
- **Communication:** Effective verbal and written communication with both technical and non-technical audiences.
- **Teamwork:** Able to work collaboratively in a team-oriented environment.
- **Problem-Solving:** Strong analytical and troubleshooting skills.
- **Time Management:** Capable of managing multiple tasks and meeting deadlines.

Hobbies and Interests

- **Reading:** Always
- **Research and Learning:** Exploring new technologies and development tools.
- **Programming Projects:** Constantly experimenting with new coding challenges.
- **Praying:** Frequently
- **Sports:** Watching Football and Volleyball occasionally
- **Music & Radio:** Listening to music and radio seasonally

References

- **Uwinbabazi Jurdas** - Headteacher, GS Gicura | Phone: 0788656553
- **Dr. Dukundigena Emmanuel** - Medical Doctor, Bigogue Health Center | Phone: 0782564501
- **Alexander NGENZI** - Lecture Head of Department in University of Rwanda | Email: alexandrengenzi@gmail.com

Declaration

I hereby declare that the information provided in this resume is accurate and true to the best of my knowledge.

Signed: UKWITEGETSE Valens

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