Personal details

Emmy Karangwa

Computer Engineering option Network Engineering

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Summary of Qualification

Detail-oriented computer engineer with 2+ years of expertise working with some programming languages such as html, css, JavaScript, Java, React.js, Laravel and Sql, I also have advanced skills in Network design, installation and troubleshooting I am a graduate in Computer and software Engineering option Network Engineering from University of Rwanda, College of Science and Technology. I am willing to learn new things. I focus on key inputs and produce good quality. I have good communication skills for interpersonal communication.

Work Experience

Software Engineer
December 2019–April 2020

Andela Kigali - Rwanda

Key Qualifications & Responsibilities

- Developed a web application with my team, back end in Node.js, express.
- Developed a web application with my team, Front end in React.js, Redux.
- Developed testing methods of web application, where backend tested using Mocha and front end tested using Jest.
- Took courses on working in distributed teams and cross culture.

Key Achievements

- Successfully developed product that could be taken to the marketplace.

Other Experience

Class representative at University
September 2015–November 2019.

University of Rwanda, College of Science and Technology.

Key Qualifications & Responsibilities

- Keep a watch on the schedule for the entire semester and report/discuss with lectures for any modification required well in advance.
- speaking on behalf of all students on the Programme and not just giving my personal opinions.
- To ensure that students' views on academic matters are heard
- To ensure the University continually listens to and engages with students to improve teaching, learning, assessment and academic services.

Lab Monitor
June 2018 – July 2019.

University of Rwanda, College of Science and Technology.

Key Qualifications & Responsibilities

- Ensure to gather and distribute Project Description Forms and present them to the Lab Manager.
- Ensure to turn on equipment in morning and turn off in evening after work completion.
- Demonstrate and assist specific core hardware and software
- Provide support on base-level for computer network usage, access software.

Software Developer

June 2018 – July 2019.

BICT (Broadcaster of ICT). University student association.

Key Qualifications & Responsibilities

- Organize programming boot camps.
- Facilitate learners during boot camps.

Education

Bachelor of Science in Computer Engineering Technology

University of Rwanda, College of Science and Technology,

Graduation: 2019

Relevant Coursework: Computer Engineering Fundamentals, Wireless Communications & Networking, Software development, System analysis, design, development and testing, Computer maintenance.

Rwanda Advanced Certificate of Education

Kayonza Modern Secondary School

Period: 2012 - 2014, diploma in mathematics, physics and computer science (MPC).

Key Skills

- System analysis, design, development and testing
- Deep Learning for network design, installation and troubleshooting.
- Computational Research & Development
- Programming with the following languages JavaScript, react.js, PHP, Laravel, html, css, NOde.js - Express. DB: Sql, MySQL, Postgres and Mongo DB.
- Teamwork

Internship

June 2018 – August 2018.

Vision Technologies Company

Key Qualifications & Responsibilities

- Software and hardware maintenance
- Network Troubleshooting
- Network and CCTV camera installation
- Customer support

Certifications

- Certified Bachelors of Computer and Software Engineering (CSE)
- IT essential and CCNA certificates.

Memberships

- Association for Rwanda Younger Entrepreneurs (RYE)

Languages

- English: Proficiency
- Kinyarwanda: Mother tongue

Hobbies

- Reading, Writing, Gaming, Music, cooking.

References

1. **DR. Musabe Richard**, Dean of school of ICT in college of Science and Technology, university of Rwanda.
TEL: +250 789453014:

2. Apostle. Gasabira Emmanuel, Leader of Revelation Of Churches Family of God in Rwanda. TEL: +250 788649928.

3. Mr. Murangira Theoneste, Head of Department of Computer and Software Engineering in College of Science and Technology.
TEL: +250 785207523

I certify that the information given herein is true and complete to the best of my knowledge.