

Jerome Kithinji

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Passionate and skilled Computer Science graduate looking to pursue a career in the software engineering domain. Proficient in HTML 5, CSS, JavaScript, Java, and React. Able to learn new software's and technologies quickly and capable of working in a fast-paced and team-driven environment.

EDUCATION

- 2018 - 2021 University of Leicester
Computer Science BSc – First Class Honors
Modules included: Mobile and Web Development, Databases and Domain Modeling, Software Architecture and System Development, User Interface Design and Evaluation.
- 2013 - 2018 Aga Khan Academy Nairobi
International Baccalaureate Diploma
IGCSEs- 8 GCSEs subjects including Mathematics, Computer Science, Physics

PROFESSIONAL EXPERIENCE

- Junior Software Engineer** | _nology, Technology Consultancy Programme, London | August 2021
- Successfully completed the 12-week full stack training where I got to learn React and Node.js and significantly improved my HTML, CSS, JavaScript, Java and Git skills.
 - Actively participated and contributed in sprint reviews, daily stand-ups, code reviews and retrospectives.
 - Developed full-stack web applications which processed, analysed, and rendered data visually with integration to other APIs for Google Maps, social media logins and other services.
 - Implemented unit, function and systems testing using JUnit testing, Cypress testing and Integration testing.
 - Built innovative microservices and Web Services (incl. REST/XML).
 - Delivered a client project with clean, tested and high-quality code consisting of a backend and frontend within a set deadline working in an Agile environment.
- Paid Intern** | MyCredit Bank, Nairobi | Summer 2019
- Updating and monitoring IT user accounts.
 - Liaising and meeting with external suppliers of IT services.
 - Executing updates and backups of the company's various systems.
 - Troubleshooting technical problems and implementing solutions.
- Intern** | JASH65, Nairobi | Summer 2018
- Created and managed the company's Facebook and Instagram accounts.
 - Maintained customer relationships and increased sales and repeat buying.
- Intern** | Centurion Systems, Nairobi | Summer 2017
- Trained on SCADA (supervisory control and data acquisition) and PLC (programmable logic controllers) systems.
 - Successfully created a lighting control system using programmable logic controllers.
 - Visited industrial sites where I saw how PLC and SCADA systems are used, implemented and managed.
 - Gained insight into what skills are needed to establish a successful IT career by interacting with staff.
- Intern** | Academy of Graphic technologies, Nairobi | December 2017
- Developed skills in typography and Adobe InDesign and Photoshop skills.
 - Supported the Creative Director in a project on completing a client's website and posters.

POSITIONS OF RESPONSIBILITY

- Vice President** | East African Society, University of Leicester | June 2020 – July 2021
- Planned and managed virtual events in liaison with other societies in other universities in the UK.
 - Secured various sponsors to fund our events and projects.
 - Spearheaded an initiative to build an irrigation system in a rural Maasai village.

Peer Mentor | University of Leicester | January 2019 – January 2021

- Served as an approachable and informative resource for assisting students transition into university.
- Actively resolved students queries and directed them to the appropriate university services.

Student Ambassador | University of Leicester | January 2019 – December 2020

- Represented the university to prospective students and parents on and off campus events.
- Utilized oral communication skills in providing unscripted tours on campus.
- Made presentations in schools and colleges on student life and their degree subjects.

Resources Prefect | Aga Khan Academy | September 2016 – June 2018

- Liaison between with students and the school administration on how to improve school resources.
- Introduced an efficient system in the library for management of books being returned.

CLUBS & SOCIETIES

Member | Computer Science Society, University of Leicester | October 2018 – June 2020

- Competed in hackathons and awarded first place in the Copernicus Hackathon in 2019.
- Learnt about the IT sector industry from external speakers.
- Facilitated discussions with society members about improving code.

Vice President | Robotics Club, Aga Khan Academy | September 2015 – July 2017

- Competed in robotic competitions in which we successfully came runners up.
- Aided my understanding of how different electrical and software elements work together to make a machine work.

Delegate | East African Model United Nations | September 2016 – July 2017

- Attended and spoke at the conference. Discussed global issues and suggested resolutions enabling me grow as a political and global citizen.
- Debated with other participants on global issues and discussed the effectiveness of resolutions.
- Gained knowledge and experience on how to conduct negotiations in a tactful and result-oriented manner.

KEY SKILLS

Programming

- Proficient use of **Python**, **Java**, **C++** and **SQL** programming languages. Skilled in use of **HTML5**, **CSS** and **Google Cloud Platform**. Experienced in using Adobe Photoshop and Adobe Illustrator. Recently completed a full-time immersive learning boot camp where I grew my **REACT**, **JavaScript**, **HTML**, **Java**, **Node JS** and **Git** skills.

Collaboration skills

- Able to work well together with others in order to achieve a goal. Effectively worked with 5 colleagues on a software engineering bootcamp to complete and deliver a platform consisting of a backend API and frontend using actively listening skills and **pair programming** in an **Agile environment**.

Communication

- Strong command of the English language, able to convey information clearly and concisely and produce high quality written. I also speak Spanish and Kiswahili.

Problem solving skills

- I am proficient in finding better ways to manage a process, overcoming challenges, solving technical problems and evaluating options and generating solutions. Successfully improved the library in my school by introducing an efficient system for books being returned.

Leadership

- Assertive and motivator style of leadership. Served as the Marketing and Operations director in a youth empowerment organization based in Kenya in charge of organizing and coordinating large projects to raise money to donate food, clothing and educational material to rural neighborhoods.

Planning and Organization

- Effective organization skills with the ability to multi-task and prioritize workload. Led a prom committee in high school, served in the Student Government and whilst successfully completing my IB diploma and fulfilling my duties as a member of the student government.

QUALIFICATIONS & AWARDS

2018 **Presidential Award – The Duke of Edinburgh's:** Successfully Completed the program

2015 **Grade 10 Math Prize:** Achieved the top grade in Math due to my commitment to high performance.

INTERESTS

Travelling

I have travelled to over 14 countries, to different cultures, economies as well as technological advancements.

Hiking and outdoor

Hiking enhances my mapping and geographical skills, resilience and perseverance.

REFERENCES:

Available on request.