DAVID MBERINGABO
Software Developer

GitHub: https://github.com/drakstik/Resume   **Email:** mberingabo.d@northeastern.edu
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EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA, U.S.A.   **Graduated Aug 2020**
Khoury College of Computer Sciences,
Candidate for a Bachelor's Degree in Computer Science with a Concentration in Finance.

Related Courses: Software Development, Networks and Distributed Systems, Algorithms and Data, Object Oriented Design, Database Design, FinTech: Financial Innovation, Cyberlaw, Financial Data Analysis with Python, Business Statistics, Investments, Corporate Finance, Organizational Behavior.

COMPUTER KNOWLEDGE & SKILLS

Computer Languages: *Advanced:* Java, Python.
                            Intermediate: CSS/HTML, JavaScript, DrRacket/Lisp, Structured Text (ST), MySQL, C with Classes.
Software Tools: Bootstrap Studio, VS Code, Jupyter Notebook, Git, Window's CMD, Linux terminal and Window's Office.

PROJECTS

Small Store App: Designed a database for inventory/invoicing management and customer self-checkout (MySQL and Java).
P2P_KVStore: Co-developed a peer-to-peer system for storing data on a distributed key-value store.
Crypto ML: Co-built a 57% accurate Machine Learning model for predicting 4hr crypto market movement using Limit Order trade data (Python).
Websites: Designed multiple Bootstrap Framework websites (HTML/CSS and JS).
Email Scraper: An application that scrapes and parses emails for receipt information using email protocols (Python and Java).
Paintball Field: Designed and built a paintball field using FPS map design concepts and co-founded Tuuza Paintball Company LLP.

WORK EXPERIENCE

SAFIRUN, Kigali, Rwanda
Web Developer,   **2020-2021**
- Designed and developed website prototypes using HTML/CSS and Bootstrap Studio.
- Attended regular marketing meetings with our business partners and actively provided ideas and technical insight.

NEW AGE MICRO Ltd, Mansfield, MA, U.S.A
Test Engineer,   **2019**
- Programmed tests in Structured Text, conducted network testing and troubleshooting on Bedrock's Open Secure Automation (OSA) and Bedrock OSA Proxies. I used multimeters, oscilloscopes, resistors, circuit design and Ohm's Law daily for hardware and software debugging of Bedrock PLCs.
- Composed over 60 bug reports, identifying potential sources of the problem and afterwards confirmed they were fixed or not.

COMZAFRICA, Kigali, Rwanda
Junior Developer Internship,   **2017**
- Composed technical documentations introducing git terminology and how to navigate the company's servers.
- Composed documents detailing company style guides, organizational structure, routines, and useful resources for new members in the R&D Division.
- Presented a case-study on the company's ability and ease of introducing new team members to R&D.

LANGUAGES

English, French, Kinyarwanda and Kirundi (all speaking/reading fluent, best writing in English).

INTERESTS

Philosophy/Economics, Business Risk Reduction and Decentralized Solutions, Trading, Books, Skateboarding, Video Games and Music.