DAVID MBERINGABO

Address: KK202 #9, Nyakabanda, Niboye, Kicukiro, Kigali ◆ **GitHub:** https://github.com/drakstik/Resume ◆ **WhatsApp:** +1(857)210 3777
Email: mberingabo.d@northeastern.edu ◆ **LinkedIn:** www.linkedin.com/in/mberingabod ◆ **Phone:** +250789922905

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA, U.S.A.   **Sept. 2016 – Aug. 2020**
Khoury College of Computer Sciences,
Graduated with a Bachelor Degree in Combined Computer Science & Business Administration 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: Java, DrRacket/Lisp, Structured Text (ST), MySQL, C++, C with Classes and Python.
Software Tools: Git, Window's CMD, Linux terminal and Window's Office.

PERSONAL 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.
Aphelion: A 2D adventure game based on space exploration, mining, crafting, resource management and combat (Java).
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.
Crypto ML: Co-built a 57% accurate ML model for predicting crypto market movement using limit order trade data.

WORK EXPERIENCE

NEW AGE MICRO Ltd, Mansfield, MA, U.S.A
Test Engineer,   **2019 (6 months)**
- 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 and closed over 60 bug reports, and developed/documented replicable hardware/software tests identifying potential sources of the problem, and afterwards confirmed if they were fixed or not.

COMZAFRICA, Kigali, Rwanda
Junior Developer,   **2017 (2 months)**
- 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 how to increase the company's ease of introducing new team members to R&D.

DATA SYSTEMS Ltd, Kigali, Rwanda
Junior Developer,   **2017 (2 months)**
- Developed two business models and four activity diagrams for an Android meal-ordering application for a Radisson Blue branch and an online marketplace that directly connects farmers, buyers and delivery services in East Africa.

COMMUNITY SERVICE

- Volunteered at Breast Cancer Walk in Boston (U.S.A., 2016),
- Participated monthly in community-wide cleanups (Rwanda, see *Umuganda*), and helped plant over 1000 trees (London, Ontario).
- Organized foreign student meetups to facilitate assimilation into university life in Boston, as a Global Student Ambassador.

INTERESTS

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

LANGUAGES

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