**DAVID MBERINGABO**

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**Email:** [mberingabo.d@husky.neu.edu](mailto:mberingabo.d@husky.neu.edu) **Availability:** Sept. 2020 Onwards

**EDUCATION**

**NORTHEASTERN UNIVERSITY,** Boston, MA, U.S.A. **Sept. 2016 - Present**

College of Computer and Information Science, Expected Graduation May 2020

C*andidate for a bachelor’s degree in Combined Computer Science & Business Administration with a Concentration in Finance.*

**Related Courses:** Networks and Distributed Systems, Algorithms and Data, Object Oriented Design, Database Design, Financial Data Analysis with Python, Cyberlaw, Business Statistics, Investments, Corporate Finance.

**Activities:** Global Student Ambassador (GSA), Intramural Soccer, Husky Call Center.

**COMPUTER KNOWLEDGE & SKILLS**

**Computer Languages:** Java (Proficient), DrRacket/Lisp (Proficient), Structured Text (ST), MySQL, MongoDB, Python (Proficient).

**Software Tools:** Eclipse, IntelliJ, Git, NetBeans, LaTex, Window’s CMD, Lynux terminal, Window’s Office, Google Suite.

**PROJECTS**

**Small Store App:** A MySQL Database backed Java application for inventory/invoicing management and customer self-checkout.

**Texting App:** Developed a connected Messenger-style application using the functional language DrRacket.

**Aphelion:** A 2D adventure game based on space exploration, mining, crafting, resource management and combat made in 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.

**Amabara Festival:**  Co-founded Amabara Festival LLP, to host a yearly festival and invest all profits in the music community in Rwanda.

**WORK EXPERIENCE**

**NEW AGE MICRO Ltd,** Mansfield, MA, U.S.A

**Test Engineer 2019 (6 months)**

* Conducted regression testing and created tests for Bedrock's Open Secure Automation (OSA) platform and family of system controllers.
* Used Multimeters, Oscilloscopes, Resistors and Ohm’s Law daily for hardware debugging.
* Programmed tests in Structured Text, conducted network testing and troubleshooting on Bedrock PLCs and Bedrock OSA Proxies.
* Composed reports detailing bugs, how to find them and proposing the potential source of the problem.

**COMZAFRICA,** Kigali, Rwanda

**Junior Developer 2017 (2 months)**

* Composed technical documentations introducing git terminology and how to access the company’s files.
* Composed documents introducing company style guides, organization, routines, expected knowledge, resources for new members in the R&D Division.
* Presented a case-study to the company’s R&D Division’s ability and ease of introducing new team members.

**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 Radisson Blue in Kigali and an online marketplace that directly connects farmers and produce buyers in East Africa.

**COMMUNITY SERVICE**

* Organized a donation event for an orphanage, with a charity called *For the Kids* in Rwanda
* Volunteered at Breast Cancer Walk in Boston (U.S.A., 2016), participated in monthly community-wide cleanups in (Rwanda) (*Umuganda*) and helped plant over 1000 trees in (Canada, 2014).
* Organized foreign student meetups to facilitate assimilation into university life in Boston, as a Global Student Ambassador at Northeastern University.

**INTERESTS**

Philosophy/Economics, Consumer Privacy Solutions, Blockchain Solutions, Tennis, Books, Video Games and Music.

**LANGUAGES**

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