Yannick Iniatius Mavita Gata

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SUMMARY
Senior Biomedical Engineering student with emphasis on bioinformatics and biomechanical design looking for a full- and part-time internship.

EDUCATION
University at Buffalo, The State University of New York Buffalo, NY
BS Biomedical Engineering, May 2021 | Emphasis on Bioinformatics | GPA: 3.0

TECHNICAL SKILLS
Computer skills: Microsoft Office Package, SolidWorks, MATLAB MathWorks, MATLAB Simulink, MATLAB Machine Learning, MATLAB Deep Learning, MATLAB Image and signal Processing, HTML (Web design), JavaScript, NI ELVISmx Instrument Basics, Anaconda Python/ Python, R
Hardware Skills: Arduino Uno/IDE and MATLAB interaction with Arduino Uno
Literacy Skills: English, French, Spanish
Social Skills: Good Communicator
Individual qualities: resilient, easily adaptable

EDUCATIONAL PROJECTS
EAS 199 Propeller boat prototype,   January-July 2017
- Designed a boat out of a Gatorade bottle that floats and propels itself
- Learned the importance of teamwork and creative thinking

SERVICES
Elementary Program, Westminster Community Charter School, Buffalo NY,   2017-2019
- Learned how to be patient and self-composed with elementary and middle school children

Community guidance and services,   2018-2019
- Learned how to be patient with people, communicate, deal with their needs, and improvise

RECENT PERSONAL PROJECTS
SolidWorks and Simscape Multibody MATLAB Simulink,   January 2020-2021
- Designed prosthetics and learn the process of designing a prototype and simulation

MATLAB Statistics,   July-August 2019
- Written codes to perform statistical calculations in and out of my engineering curriculums

ORGANIZATIONS
National Society of Black Engineers,   September 2020 - 2021
Malaysian Student Association,   January 2018 - 2019
National Society of Honors and Leaderships,   January 2017 - 2021

INDIVIDUAL ACHIEVEMENTS
Science is Elementary Program Certificate in partner with and sponsored by National Grid and the University at Buffalo School of Engineering and Applied Sciences**,**   2017-2018
MATLAB Machine Learning certificate,   2020-2021

OTHER INVOLVEMENT
Sickle Cells Event Donations,   2019-2020
- Participated in a talent show and solo-performed to help raise money for children impacted by Sickle Cell Anemia