**Yannick Iniatius Mavita Gata**

90 Hadley Vlg 1-646-623-4359 Web: [yannickode.github.io](https://yannickode.github.io/YG/index.html)

Buffalo, NY 14261 nick936gmt@gmail.com

**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**

**TECHNICAL SKILLS**

**Computer skills:** Microsoft Office Package (90%), SolidWorks (90%), MATLAB MathWorks (90%), MATLAB Simulink (80%), MATLAB Machine Learning (75%), MATLAB Deep Learning (75%), MATLAB Signal Processing (70%), HTML (Web design) (75%), JavaScript (60%), NI ELVISmx Instrument Basics (70%), Ana. Python (70%)

**Hardware Skills:** Arduino Uno/IDE and MATLAB interaction with Arduino Uno (70%)

**Literacy Skills:** English (90%), French (90%), Spanish (80%), Writing Total Avg (85% at best)

**Social Skills:** Verbal Communication (80%), group work (80%), individual work (85%)

**Individual qualities:** resiliency (95%), adaptability (95%)

**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

* Typed codes to utilize 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