

Yannick Iniatus Mavita Gata

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Great Neck, NY 11021

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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

Genomic Expression Inc
100 Cummings Ctr Ste 451C,
Beverly, MA 01915

To whom it may concern,

It is with a tremendous honor thanks to Neuvco and LinkedIn for the research platform that I now feel the urge to address Genomic Expression Inc, Bioinformatics Internship with RNA Diagnostics Company – COVID19 and Cancer, my optimal praise and interest to become part of such an admirable journey of intellects with the diligence and passion to save lives and improve the conditions of living. I believe my experience in biochemistry, molecular biology, organic chemistry, and programming with R, python, and MATLAB has built my interest into the position.

My name is Yannick Gata, I am a strong and diligent upholder for saving lives, currently a senior undergraduate biomedical engineer with an emphasis towards bioinformatics with a goal to attend graduate school. Throughout these years, I have invested quality time in machine learning and dynamics system using MATLAB and with a foundation in 3-D computer design with SolidWorks. I have done a few personal projects using MATLAB machine learning and Simulink that helped me with predicting resulting data of information obtained of a group from already collected data.

I am very fascinated by the company's sole interest on RNA translation of genomic data to provide important information for the doctor to efficiently choose the proper diagnostic treatments for patients. So, a proper diagnostic of the drug for the right patient. With my background in place, my interest is to be part of the many responsibility duties including in assisting in the design of the laboratory experiment group as an intellectual and creative thinker. With that in mind, I am considering a long-term goal and to take initiative with the liability to challenge myself in order to save the millions of lives lost every year.

Please do not hesitate to contact me directly at 1-646-623-4359 and my personal email at mayan936gmt@gmail.com as well as you may visit me at yannickcode.github.io. Also, I have attached my resume and am looking forward for an interview.

Thank you for your sincerest and solicitous consideration to assess my application and a representation of my character for the position.

My kindest regards,

Yannick Gata