

Julia NGUYEN

Bachelor of Medical Science, Honours Specialization in Medical Bioinformatics

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 Mississauga, ON  Canadian Citizenship

Medical bioinformatics student passionate about health, technology and innovation. Experienced in using scripting languages (R, Java, Python) and running standard bioinformatics tools on Linux. Desire to develop, advance and apply relevant skills through a Summer 2022 Internship in the field of bioinformatics and computational biology. Strong interest in using computational methods to understand the mechanisms underlying cancer and other complex diseases.

EDUCATION

UNIVERSITY OF WESTERN ONTARIO

2019 - 2023

BS, Medical Sciences — HSP Medical Bioinformatics (anticipated)

Cum. GPA : 3.83 / 4.0, Major GPA : 3.9 / 4.0

ST. FRANCIS XAVIER SECONDARY SCHOOL

2016 - 2019

International Baccalaureate Diploma Program with Bilingual Certification (English and French)

Major GPA : 4.0 / 4.0

GLENFOREST SECONDARY SCHOOL

2015 - 2016

International Baccalaureate Middle Years Programme

Cum. GPA : 4.0 / 4.0

PROFESSIONAL EXPERIENCE

Present 2021	Research Assistant Castellani Lab, SCHULICH SCHOOL OF MEDICINE & DENTISTRY, London, ON Further information about the lab can be found at https://castellanilab.com/ <ul style="list-style-type: none">➤ Completed training under Dr. Castellani on R programming and methods for analysis of summary statistics from EWAS data.➤ Developed scripts to conduct statistical and functional enrichment analysis on data from the Multi-Ethnic Study of Atherosclerosis (MESA) cohort.➤ Contributed in regular lab and team meetings by providing and obtaining feedback from other lab members.
Present 2021	VP Internal Events Women in Science, UNIVERSITY OF WESTERN ONTARIO, London, ON <ul style="list-style-type: none">➤ Interviewed, trained and currently managing a team to plan and execute events within the university community.➤ Evaluated previous event plans to identify areas for improvement, resulted in a 60% increase from past average event attendance.➤ Proposed and executed the Women in Science Research Conference which had the largest number of participants of all previous club events.➤ Secured over \$600 in funding from sponsors for upcoming events.
Present 2021	Mentor Undergraduate Pathology Alliance at Western, UNIVERSITY OF WESTERN ONTARIO, London, ON <ul style="list-style-type: none">➤ Coordinate bi-weekly meetings with two mentees to guide independent learning of different research topics in pathology and bioinformatics.➤ Collaborate with other mentors to create a comprehensive document of resources for students interested in pursuing modules under the Department of Pathology.

2019	Sales Associate and Cashier, JYSK BED BATH HOME, Mississauga, ON
2019	<ul style="list-style-type: none"> > Aided customers in decision making and addressed their questions. > Provided customer service support both in person and through the telephone desk. > Recorded and organized incoming orders and inventory stock.
2019	President DECA Xavier, St. FRANCIS XAVIER SECONDARY SCHOOL, Mississauga, ON
2018	<ul style="list-style-type: none"> > Coordinated meetings with executive team, teacher advisors and school administration staff. > Approved and supervised the execution of proposed training and financial initiatives. > Implemented new training strategy, resulted in over 20% of students qualifying for International competition (up 17% from previous year).
2019	Piano Instructor, MISSISSAUGA PIANO STUDIOS / FREELANCE, Mississauga, ON
2016	<ul style="list-style-type: none"> > Maintained weekly records of individual students for monthly progress report to parents and studio. > Devised individual lesson plans that catered to the learning style and needs of each student.

TECHNICAL SKILLS

Languages	Python, R, Java, Bash, MySQL, HTML/CSS, PHP, Javascript
Operating Systems	Linux, Windows
Others	Compute Canada

HONORS AND AWARDS

2021	Dean's Honour List, University of Western Ontario
2020	Dean's Honour List, University of Western Ontario
2019	Four Year Continuing Admission Scholarship, University of Western Ontario
2019	Canada-Wide Science Fair Entrance Scholarship (Silver Medalist), Youth Science & University of Western Ontario
2019	Top 10 Finalist Plaque, DECA Ontario

OUTREACH AND VOLUNTEERING

2021	Technolgap, Orientation Leader and Student Mentor
2021	Women in Science, Little Sisters in Science Mentor
2019	Keyclub Mississauga, Membership Affairs Minister, Key Leader Division Representative
2018	Global Pre-Meds, Placement Student
2018	Relay for Life Xavier, Survivors Recruiter
2018	DECA Xavier, I Aspire Entrepreneurial Conference Co-Host

CERTIFICATIONS

2021	Python for Genomic Data Science, Coursera & Johns Hopkins University
2021	The Data Scientist's Toolbox & R Programming Certificates, Coursera & Johns Hopkins University
2019	French As a Second Language, The Dufferin-Peel Catholic District School Board