NICHOLAS DUONG

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Education

2019 – Present (Third academic year)

Bachelor of Science, Medical Physics Co-op (expected Winter 2024)

Department of Physics, Toronto Metropolitan University, Toronto, On.

Awards

April 2023 – NSERC USRA (Toronto Metropolitan University)

July 2022 – Biotalent Canada Coop Award (Sunnybrook Research Institute)

September 2019 - Toronto Metropolitan University Entrance Scholarship

Research Experience

April 2023 – Present (Full time Co-op | NSERC USRA)

Research Assistant, *Toronto Metropolitan University*, Department of Physics.

Supervisor: Dr. Aidan Brown

Project: Modeling Epidermal Growth Factor Receptors (EGFR) within the cell surface.

April 2022 – August 2022 (Full time Co-op); August 2022 – December 2022 (Part time)

Research Assistant, *Sunnybrook Research Institute* – Physical Sciences, Toronto, On.

Department of Medical Biophysics

Supervisor: Dr. Greg Stanisz

Project: Computational and mathematical modelling of Magnetization Transfer (MT).

September 2021 – April 2022 (Full time Co-op)

Research Assistant, *Sunnybrook Research Institute* – Physical Sciences, Toronto, On.

Department of Medical Biophysics

Supervisors: Dr. Christine Démoré and Dr. Stuart Foster

Project: Multiparametric Micro-ultrasound Imaging of the Prostate with the ExactVu system.

Research Conferences:

July 2022 – Andover, New Hampshire, United States

Gordon Research Conference: In Vivo Magnetic Resonance: *Identifying the Next 20 years of Need in In Vivo MR*

Other Employment:

April 2019 – October 2019

Aldo Canada – Sales representative and stock

June 2016 – June 2019

McDonalds Canada – Kitchen Crew

Skills and Notable Courses:

January 2022 – University of Toronto, Department of Medical Biophysics

Graduate Ultrasound Overview Module (Co-op student)

Winter 2022 – Toronto Metropolitan University, Department of Mathematics

MTH712: Partial Differential Equations, Grade: A+

Fall 2023 – Toronto Metropolitan University, Department of Physics

PCS622: Mathematical Methods in Medical Physics, Grade: A+

Coding Languages:

MATLAB, Python, Julia, R