

# MARC-ANTOINE FORTIN

☎ +47 45 84 99 61 ✉ marc.a.fortin@ntnu.no

📍 Stavnevegen 16, 7019, Trondheim, Norway

## EDUCATION

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**Norges teknisk-naturvitenskapelige universitet (NTNU), Norway**

*Doctor of Philosophy, Physics*

*September 2021 -*

*qMRI of the cerebellum at 7T MRI*

**McGill University, Quebec, Canada**

*Master of Science, Medical Radiation Physics*

*September 2019 - September 2021*

*MSc Thesis: Quantitative MRI (qMRI),  $T_1$  mapping*

**Université de Montréal, Québec, Canada**

*Bachelor of Science, Physics*

*September 2016 - April 2019*

## SKILLS

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**Languages:** French (Mother Tongue), English (Professional competence), Bokmål (Basic notions)

**Programming:** MATLAB (primary language), Python (basic knowledge)

**Software & Tools:** L<sup>A</sup>T<sub>E</sub>X, Inkscape, Git, Microsoft Office

## RESEARCH EXPERIENCE

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**MRI Methods Research Group, McGill University**

*Graduate Research internship*

*May 2019 - August 2019*

Using DCE-MRI for early prediction of chemotherapy response.

- Supervisors: Ives Levesque & Zaki Ahmed

**MRI Methods Research Group, McGill University**

*Undergraduate Research internship*

*April 2018 - August 2018*

Evaluation of synthetic CT production algorithm based on QSM.

- Supervisors: Ives Levesque & Véronique Fortier

## WORK EXPERIENCE

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**Teaching Assistant, MDPH 607: Medical Imaging**

*McGill University*

*Fall 2020*

**Private Tutor**

*Helping students in mathematics and physics for high school and college levels*

*2014-2018*

## EXTRACURRICULAR

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**McGill Medical Physics Student Council**

*Social Media Officer*

*2020-2021*

- In charge of social media and website of the Medical Physics Unit at McGill.

**McGill Medical Physics Student Council**

*1<sup>st</sup> year representative*

*2019-2020*

**Physics Society - University of Montréal**

*Vice-President of Sports*

*2018-2019*

- Responsible for organizing sport events and instill healthy life habits for physics students.

## AWARDS

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- Graduate Excellence Fellowship, Medical Physics Unit, McGill University, 2019

**A role for magnetic susceptibility in synthetic computed tomography**

*V. Fortier, M.-A. Fortin, P. Pater, L. Souhami & I. R. Levesque.*

Physica Medica, Volume 85, 2021, Pages 137-146, ISSN 1120-1797

<https://doi.org/10.1016/j.ejmp.2021.05.001>