MICAELA CONSENS

INFO

ADDRESS
~~████████████████~~

PHONE NUMBER
~~████████~~

EMAIL
~~████████████~~

INTERESTS

- Running
- Travel
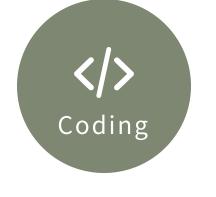- Hiking
- Reading
- Coding
- Camping

EDUCATION

PhD Candidate at the Wang Lab
University of Toronto, Computer Science — 2021-present

Honour BSc Specialist in Bioinformatics, Major in Computer Science, and Minor in Biology
University of Toronto (cGPA 3.91/4.0, last sessional 4.0/4.0) — 2017-2021

High School MaCS Program
(Enrichment program in Mathematics, Science, and Computer Science) — 2013-2017

RELEVANT COURSEWORK

GENETICS	BIOINFORMATICS PROJECT I,II	SOFTWARE ENGINEERING
90	98, 96	90
INTRODUCTION TO THEORY OF COMPUTATION	COMPUTATIONAL GENOMICS & BIOINFORMATICS	COMPUTATIONAL SYSTEMS BIOLOGY
95	98	97
PROBABILITY FOR COMPUTER APPLICATIONS	APPLIED BIOINFORMATICS	EUKARYOTIC GENE EXPRESSION
90	98	92

RESEARCH & PROFESSIONAL EXPERIENCE

Research Student at CAMH Krembil Centre for Neuroinformatics — August 2019—August 2021
Conducting a research project to study the link between somatostatin-expressing neurons and Alzheimer's neuropathology

Part Time Full Stack Developer at the UHN TECHNA Institute — September 2020—May 2021
Continuing work on the CReSCENT: CanceR Single Cell ExpressioN Toolkit project

Intern at Sick Kids Centre for Computational Medicine — May 2019—August 2020
Coding in Javascript using React, MongoDB and GraphQL to create a website to store & access data from the Canadian Healthy Infant Longitudinal Development (CHILD) study as well as work on the CReSCENT: CanceR Single Cell ExpressioN Toolkit project

TA for the CAMH Krembil Centre for Neuroinformatics (KCNI) online Summer School — July 2020
Testing all code for tutorials, helping to facilitate discussions in "break off" sessions, being present virtually to connect with students and instructors on multiple platforms, answer/troubleshoot students' problems

ACHIEVEMENTS & EXTRACURRICULARS

Robust Cell-Type Specific Associations with Alzheimer's Disease within Excitatory and Inhibitory Neuronal Subclasses — 2020
Micaela Consens, Yuxiao Chen, Julie A. Schneider, Philip L. De Jager, David A. Bennett, Shreejoy Tripathy, Daniel Felsky
Paper (In prep), Abstract accepted at Society of Biological Psychiatry Annual Meeting 2021 and the 2021 Alzheimer's Association International Conference

In-Course Scholarship — 2018-2020
St. Michael's College, University of Toronto (circa top 3%) for strong academic record

Women in Computer Science (WiCS) Co-President — May 2020-May 2021
Promote a diverse and welcoming environment within the University of Toronto (U of T) Computer Science Community