

HENRY HE

108 KRIEGHOFF AVENUE, MARKHAM ON L3R1V9
(647) 898 9362 TO.HENRYHE@GMAIL.COM

EDUCATION

University of Western Ontario 2015-19

- Medical Science, Hon. Spec. Medical Biophysics
- Cumulative GPA: 3.95
- Academic Interests: medicine, imaging, computer vision, big data
- Bennie and Shirley Bradshaw Award in Science

RELEVANT EXPERIENCE

Schulich School of Medicine & Dentistry

Student Researcher (Med. Biophysics Dept.) 2016-cont.

- Developed an algorithm to track individual RBCs *in vivo*
- Experience in MATLAB development and GUI design
- Advisor: Dr. Christopher Ellis
- Dean's Undergraduate Research Opportunities Program award

Student Researcher (Microbio. & Immunology Dept.) 2016-17

- Deployed bioinformatics R package to responsive Shiny web app
- Advisor: Dr. Stephen Barr

Communications Assistant (Graduate Affairs Dept.) 2016-17

- Website and database administration, Excel

PROJECTS

Mood Journal Sept. 2016

Hack the North

- Chrome extension that tracks mood and links to browsing activity
- Microsoft Emotion API, Plot.ly visualization

SKILLS

MATLAB, R, Python, Java, web-dev, graphic design, photo/video/audio production