**HENRY HE**

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**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, JavaScript, Plot.ly visualization

**SKILLS**

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