

# 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

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## 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

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## 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

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## SKILLS

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