ALEX HEYMAN (they/them)

Legal name: Andrew Heyman
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Undergraduate student at University of Toronto

Education

University of Toronto (U of T)
2017-present
Faculty of Arts & Science
Specialist in Computer Science with Focus in AI, Major in Cognitive Science, Minor in Philosophy
Innis College
President's Scholar of Excellence
Innis College Exceptional Achievement Award (2019)
Cumulative GPA: 3.91 out of 4.00

University of Chicago Laboratory Schools (UCLS)
9th through 12th grade, 2013-2017
National Merit Finalist
Cumulative GPA: 3.967 out of 4.000

Skills

General computer programming
- 8+ years of experience
- High familiarity with Java, Python
- Moderate familiarity with C, Lua, JavaScript
- Some familiarity with C++

Machine learning
- U of T CSC311
- Experience with TensorFlow and scikit-learn

Video game design and programming
- 10+ years of amateur experience

Web design, including use of HTML, CSS, and JavaScript

Mathematics up through linear algebra (U of T MAT223 & MAT224)
and multivariable calculus (U of T MAT237)

Symbolic logic (University of Chicago PHIL20100, U of T CSC240)

Selected projects

Cell2D – Java 2D game development library
Website: http://www.cell2d.org/
Began 12th grade, development ongoing

Population-based training of neural networks for TensorFlow
Link: https://github.com/AlexHeyman/PopulationBasedTraining
University 2nd year

Echo – short puzzle-platforming video game made in 38 hours
Website: http://alexheyman.itch.io/echo
University 1st year

Activities

Undergraduate Fellow at the U of T Centre for Ethics – University 4th year

Politics section editor at the UC Gargoyle student newspaper – University 4th year

Office hour holder at the U of T Cognitive Science and Artificial Intelligence Students' Association – University 2nd year onwards

Member of the U of T Ethics Club – University 2nd year onwards

Member of the U of T Machine Intelligence Student Team – University 1st year