

ALEX HEYMAN

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, Major in Cognitive Science, Minor in Philosophy

Innis College

President's Scholar of Excellence

Cumulative GPA: 3.90 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

- 7+ years of experience
- High familiarity with Java, Python
- Moderate familiarity with C, Lua, JavaScript
- Some familiarity with C++

Some experience creating feedforward (including convolutional) neural networks using TensorFlow

Video game design and programming

- 9+ years of amateur experience

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

Mathematics up through linear algebra (U of T MAT223)
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

Design and programming for personal website

Link: <http://www.alexheyman.org/>

Began 11th grade, updated occasionally

Echo – short puzzle-platforming video game made in 38 hours

Website: <http://alexheyman.itch.io/echo>

University 1st year

Activities

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

Member of UCLS's Code@Lab computer science club – 12th grade

Member of UCLS's STEM Discovery Club – 12th grade

Founder and leader of UCLS's Philosophy Club – 11th grade

Member of a finalist team at the 2015 Technology Student Association TEAMS national science competition – 11th grade

Member of a team that won 2nd place at the 2015 ProCom 1.0 city-wide programming competition – 10th grade

Member of UCLS's Science Team – 9th grade