

# ANDREW HEYMAN

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Undergraduate student at University of Toronto

## **Education**

University of Toronto  
2017-present  
Faculty of Arts & Science  
Specialist in Computer Science, Major in Cognitive Science  
Innis College  
President's Scholar of Excellence  
Cumulative GPA: 3.90 out of 4.00

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

## **Skills**

General computer programming

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

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

Video game design and programming

- 8+ years of amateur experience

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

## **Selected projects**

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

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

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

University 1<sup>st</sup> year

Design and programming for UCLS's Design Communication class website

Link: [http://people.ucls.uchicago.edu/~bwildem/design\\_communication/](http://people.ucls.uchicago.edu/~bwildem/design_communication/)

11<sup>th</sup> grade

### **Activities**

Member of the University of Toronto Ethics Club – University 2<sup>nd</sup> year

Member of the University of Toronto Machine Intelligence Student Team – University 1<sup>st</sup> year

Member of UCLS's Code@Lab computer science club – 12<sup>th</sup> grade

Member of UCLS's STEM Discovery Club – 12<sup>th</sup> grade

Founder and leader of UCLS's Philosophy Club – 11<sup>th</sup> grade

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

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

Member of UCLS's Science Team – 9<sup>th</sup> grade