

David Yu-Tung Hui

MSc Student researching Deep Reinforcement Learning.

Education

Mila, Université de Montréal	Montréal, Canada
<i>Maîtrise en Sciences: Informatique</i> (Master of Science: Computer Science)	2020 – 2022 (expected)
Co-advised by Pierre-Luc Bacon and Aaron Courville.	
<i>Chercheur Invité</i> (Visiting Researcher/Research Assistant) with Yoshua Bengio.	2019
Trinity College, University of Cambridge	Cambridge, UK
<i>Bachelor of Arts with Honours: Computer Science Tripos with Physics and Mathematics.</i>	2015 – 2018
Dissertation: <i>Deep Reinforcement Learning for Chess</i> supervised by Sean Holden.	2018
Undergraduate UROP Researcher: <i>Intelligent Multi-Video Interaction</i> supervised by Alan Blackwell.	2016
Associated Board of the Royal Schools of Music	Independent
<i>Diploma: Piano Performance.</i>	2014

Selected Awards

Trinity College Science Essay Prize	2017
<i>Descartes and Spinoza in the 21st Century</i> , the philosophy of combining rule-based AI and deep learning.	
British Mathematical Olympiad	
<i>Senior Olympiad: Top 100.</i>	2013
<i>Intermediate Olympiad: Top 50, invited to a Summer School.</i>	2012
<i>Junior Olympiad: Top 500.</i>	2012
First Lego League Robotics	2011
Team Captain. Represented the UK at the Open European Championships. National runners-up, <i>National Research Project Award</i> , regional winners, <i>Regional Robot Game Award</i> , <i>Regional Robot Design Award</i> .	

Industrial Experience

Tractable	London, UK
<i>Deep Learning Research Intern</i>	July – December 2018
Facebook	London, UK
<i>Data Science Intern, London Ads</i>	Summer 2017, 12 weeks
ARM	Cambridge, UK
Honeywell Hymatic	Redditch, UK
Group Project, <i>Engineering Education Scheme</i>	2013 – 2014

Teaching Experience

Student Demonstrator (Teaching Assistant)	University of Cambridge, UK
<i>Interaction Design.</i>	Mar – Jun 2017

Voluntary Experience

Oxfam	Worcester, UK
Local charity shop volunteer	2011 – 2013

Languages

English and Cantonese	Bilingual
Spanish and French	Conversational