

David Yu-Tung Hui

Citizenship: United Kingdom

dythui1@gmail.com

I want to create robots that understand and use natural language

Education

Mila, Université de Montréal

M.Sc.: Computer Science co-advised by Pierre-Luc Bacon and Aaron Courville
Chercheur Invité (Visiting Researcher/Research Assistant) with Yoshua Bengio

Montréal, Canada

2020 – 22 (expected)
2019

Trinity College, University of Cambridge

B.A. (Hons.): Computer Science Tripos with Physics and Mathematics
Research Assistant with Alan Blackwell, funded by UROP and Boeing Defence

Cambridge, UK

2015 – 18
2016

Associated Board of the Royal Schools of Music

Dip.ABRSM: Piano Performance

Independent Study

2014

The King's School, Worcester

A-Level: 4 A*, 1 A in Mathematics, Further Mathematics (self-taught), Physics, Chemistry, Biology.

Worcester, UK

2015

Selected Awards

Trinity College, University of Cambridge

Science Essay Prize awarded to *Descartes and Spinoza in the 21st Century* about the philosophy of AI 2017

King's Scholar

2010 – 2015

Secondary education sponsored from a fund established by Henry VIII in 1541. Installed as *Senior Scholar* in 2014.

British Mathematical Olympiad

Senior Olympiad: Top 100 2013

Intermediate Olympiad: Top 50, invited to a Summer School. 2012

Junior Olympiad: Top 500 2012

First Lego League

2011

Captained my school robotics team which represented the UK at the Open European Championships. Qualified by winning the *Research Project Award* at the UK and Ireland National Finals, after winning the *Robot Game Award* at our regional final in Bristol, UK

Selected Industrial Experience

Tractable

Deep Learning Research Intern, supervised by Ken Chatfield

London, UK

July – December 2018

Facebook

Data Science Intern, London Ads, supervised by Louise Watson

London, UK

Summer 2017

ARM

Undergraduate Group Project supervised by Ashkan Tousimoharad

Cambridge, UK

Spring 2017

Honeywell Hymatic

Engineering Education Scheme supervised by Dave Armit

Redditch, UK

2013 – 14

Languages and Skills

English, Cantonese: Bilingual *Python, JaX, PyTorch, NumPy:* daily usage

French: Conversational *HTML, C++, Java, Prolog:* Lapsed after heavy use more than 3 years ago, but I understand their design philosophy