Tim Green

Email: timothy.green@gmail.com **Github**: tfgg

Experience

2018-now Senior Research Engineer, *DeepMind*

Core contributor to numerous projects, covering both deep learning research and engineering to accelerate research velocity.

Technical lead for protein folding project ('AlphaFold').

2016-2018 Research Engineer, *DeepMind*

2014–2015 Postdoctoral research assistant, Department of Materials, University of Oxford.

2010–2017 Co-founder and director, *Democracy Club*, a non-partisan online democracy project

- ➢ Built public facing website used by over 1 million people.

Skills

Strongest: *TensorFlow*, *Python, Data analysis, Mathematical Methods*.

Education

2010–2014 D. Phil. – 'Prediction of NMR J-coupling in condensed matter', Department of Materials

Lincoln College, University of Oxford

2006–2010 1st Class, M. Sci. Natural Sciences, Experimental and Theoretical Physics

Queens' College, University of Cambridge

1999–2006 *Royal Grammar School, Newcastle upon Tyne*

Publications

2018 Human-level performance in first-person multiplayer games with population-based deep reinforcement learning

2017 Population based training of neural networks

2017 The kinetics human action video dataset

2016 Investigating unusual homonuclear intermolecular "through-space" J couplings in organochalcogen systems
Inorganic chemistry

2016 Visualization and Processing of Computed Solid-State NMR Parameters: MagresView and MagresPython
Solid state nuclear magnetic resonance

2015 Unusual Intermolecular "Through-Space" J Couplings in P–Se Heterocycles

Journal of the American Chemical Society

2014 Relativistic nuclear magnetic resonance J-coupling with ultrasoft pseudopotentials and the zeroth-order regular approximation

Journal of Chemical Physics, American Institute of Physics

2012 Elucidation of the Al/Si ordering in Gehlenite $Ca_2Al_2SiO_7$ by combined ^{29}Si and ^{27}Al NMR spectroscopy/quantum chemical calculations

Chemistry of Materials, American Chemical Society