

Tim Green

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Github: tfgg

Experience

2018–now DeepMind Senior Research Engineer

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 DeepMind Research Engineer

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 $\text{Ca}_2\text{Al}_2\text{SiO}_7$ by combined ^{29}Si and ^{27}Al NMR spectroscopy/quantum chemical calculations
Chemistry of Materials, American Chemical Society