

# johnaslanides

Research Engineer



## contact

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## links

[GitHub](#)  
 [LinkedIn](#)  
 [Twitter](#)  
 [Website](#)  
 [Scholar](#)

## education

- 2015 - 2016 **MSc • Computer Science (Hons)** [The Australian National University](#)  
First Class Honours and the University Medal • 7.0/7.0 GPA  
Specialisation: Artificial Intelligence  
Thesis: [AIXIjs: A Software Demo for General Reinforcement Learning](#)  
Advisors: Dr. [Jan Leike](#) & Professor [Marcus Hutter](#)
- 2008 - 2012 **BSc • Physics (Hons)** [The Australian National University](#)  
First Class Honours • 6.2/7.0 GPA  
Thesis: [Relativity Concept Inventory](#)  
Advisor: Professor [Craig Savage](#)
- 2011 **Associate Diploma in Music, Australia** [Aust. Music Examinations Board](#)  
Award with Distinction • Piano Performance
- 2007 **High School Certificate** [Canberra Grammar School](#)  
1<sup>st</sup> in physics, french, and top overall science student • 99.25 ATAR

## experience

- 2017 - now **Staff Research Engineer** [Google DeepMind](#)  
Solving problems on the critical path to AGI.  
• 2020 - present: RLHF and alignment for LLMs (e.g. [Gopher](#), [Sparrow](#)).  
• 2017-2019: Sample-efficient reinforcement learning.
- 2017 **Machine Learning Consultant** [Self-employed](#)  
Machine learning R&D for an early-stage vehicle telematics startup.
- 2015 - 2016 **Software Engineer** [Karma Wiki](#)  
Backend web engineering for an early-stage social network startup.
- 2014 - 2015 **Software Consultant** [Stygron Systems](#)  
Developed and improved critical supply chain software for Canberra hospital.
- 2013 - 2014 **Graduate Researcher** [NICTA & The Australian National University](#)  
PhD researcher in physics, focussing on techniques for signal processing on the [LIGO](#) project. Teaching assistant for undergraduate courses in electromagnetism, quantum mechanics, and relativistic field theory.