johnaslanides

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info

 twodmin
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 Australian Citizen

links

aslanides
aslanides.io
johnaslanides

interests

Machine learning
Artificial intelligence
Software engineering
Applied mathematics

programming

Python • Julia
C • Go • Java
MATLab • LaTeX
Mathematica
JavaScript
Excel/VBA

conferences

CFAR (Berkeley, 2016)
ACML (ANU, 2013)
AIP (UNSW, 2012)

languages

English (native)
French (semi-fluent)
Spanish (basic)

misc

AMusA (Hons), Piano

education

2015 - 2016	**MSc • Computer Science (Hons)**	The Australian National University
	First class honours • 7.0/7.0 GPA	
	Thesis: AIXIjs • *Advisors*: Dr. Jan Leike & Prof. Marcus Hutter	
2008 - 2012	**BSc • Physics (Hons)**	The Australian National University
	First class honours • 6.2/7.0 GPA	
	Thesis: Relativity Concept Inventory • *Advisor*: Prof. Craig Savage	
	John Carver Honours Scholarship • CBE Undergraduate Award	
2006 - 2007	**NSW High School Certificate**	Canberra Grammar School
	Premier's Award • Ulysses Society • 99.25 UAI	

experience

2015 - 2016	**Software engineer**	Karma Wiki
	Web backend development for a social network startup.	
	Go • Cassandra • Git • JIRA	
2014 - 2015	**Software consultant**	Stygron Systems
	Software developer contracting for ACT Health. Designed & implemented systems for use in operating theatres and labs in The Canberra Hospital, and maintained existing medical supply chain systems.	
	Centura • Microsoft SQL Server	
2013 - 2014	**Graduate researcher**	NICTA/The Australian National University
	Compressed sensing for gravitational wave astronomy • Advisor: *Dr. Ra Inta*	
	Structured prediction with CRFs • Advisor: *Dr. Justin Domke*	
	Australian Postgraduate Award • NICTA top-up scholarship	
2013	**Teaching Assistant**	The Australian National University
	Taught theoretical physics: quantum mechanics, electromagnetism, relativity.	
	90% average rating in student feedback. *Supervisor*: Prof. Joe Hope	

publications

2013	**J. S. Aslanides** & C. M. Savage. The Relativity Concept Inventory: development, analysis, and results.
	Physical Review: Physics Education Research **9**, 1