johnaslanides

john.stewart.aslanides@gmail.com

info

twodmin
+614 1316 0995
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 and University Medal • 7.0/7.0 GPA
Thesis: AIXIjs • *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
John Carver Honours Scholarship • CBE Undergraduate Award

2006 - 2007 **NSW High School Certificate** Canberra Grammar School
NSW Premier's Award • Member Ulysses Society • 99.25 UAI

experience

2015 - 2016 **Software engineer** Karma Wiki
Web development for a social network startup. Implemented numerous features, including draft and notification systems. Supervisor: Dayne Rathbone.
Go • Cassandra • Git • JIRA

2014 - 2015 **Software consultant** Stygron Systems
Software developer contracting for ACT Health. Designed and implemented systems for use in operating theatres and labs in the Canberra Hospital, and maintained existing medical supply chain systems. Supervisor: Mervyn Rose.
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 Scholarship

2013 **Teaching Assistant** The Australian National University
Taught theoretical physics: quantum mechanics, electromagnetism, and relativity. 90% rating in student feedback. *Supervisor*: Professor Joe Hope

publications

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

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