

johnaslanides

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info


 twodmin

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 Australian Citizen

links

 aslanides

 johnaslanides

 aslanides.github.io

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

- 2016 **MSc Computer Science (Hons)** The Australian National University
First class honours (expected) • 7.0/7.0 GPA
Thesis: AIXIjs • Advisors: Dr. Jan Leike & Prof. Marcus Hutter
CECS Dean's List
- 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
- 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 Ina
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