

SELECTION CRITERIA



Use this form to define the selection criteria for an academic position at the University of Adelaide.

POSITION DETAILS	
School/Branch:	Centre for Augmented Reasoning, AIML
Classification	Level B

ESSENTIAL MINIMUM CRITERIA
<ol style="list-style-type: none"> 1. A PhD in Computer Science or related discipline, or equivalent industry experience. 2. Programming experience and expertise in Matlab, Python, or C++, or other relevant languages. 3. Experience and demonstrable expert knowledge in one or more of the following areas: deep learning, statistical machine learning, optimization, probabilistic graphical models, memory-augmented networks, causality, and computer vision. 4. Track record of publications in top-tier Machine Learning, Computer Vision, Artificial Intelligence conferences and/or journals, commensurate with experience and opportunity. 5. Fluency in written and spoken English, with an ability to communicate scientific ideas to an expert audience. 6. A strong work ethic, and the ability to work well independently, and as a member of a broader team, including with industrial partners. 7. Commitment to the principles of equity, diversity and inclusion and ability to contribute to the diversity of the School Community

DESIRED CHARACTERISTICS
<ol style="list-style-type: none"> 1. 2.

APPROVALS – HEAD OF SCHOOL/BRANCH MANAGER
Head of School / Branch Manager Name:.....Signature:..... Date:.....

ACKNOWLEDGEMENT OF INCUMBENT
I have read and understood the requirements of the position Name: <i>(please print)</i>Signature:.....Date:.....

SELECTION CRITERIA



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POSITION DETAILS	
School/Branch:	Centre for Augmented Reasoning, AIML
Classification	Level C

ESSENTIAL MINIMUM CRITERIA
<ol style="list-style-type: none"> 1. A PhD qualification in Computer Science with at least 4 years of postdoctoral or equivalent industrial experience in computer vision, machine learning, artificial intelligence or other closely related area. 2. Significant programming experience and expertise in Matlab, Python, or C++, or other relevant languages. 3. Significant experience and demonstrable expert knowledge in one or more of the following areas: deep learning, statistical machine learning, optimization, probabilistic graphical models, memory-augmented networks, causality, and computer vision. 4. A strong track record of generating new ideas and quality research outputs as evidenced by high quality publications in one or more of machine learning, computer vision, artificial intelligence conferences and/or journals commensurate with experience and opportunity. Quality can be demonstrated by one or more of: the prestige of the publication venue, citations from peers, media coverage, other forms of impact the publication has had including policy, change in practice, start-ups, attracting industrial funding to new projects, and so on. 5. A strong track record of building new research directions and leading quality research programs in the area of machine learning, computer vision and/or artificial intelligence evidenced by one or more of: investigator roles in grants, contract research, consultancies, media coverage, joint publications with project partners, patents, commercialisations or other non-commercial outcomes. 6. Ability to attract competitive research funding. 7. Fluency in written and spoken English, with an ability to communicate scientific ideas to an expert audience. 8. A strong work ethic, and the ability to work well independently, and as a member of a broader team, including with industrial partners. 9. Commitment to the principles of equity, diversity and inclusion and ability to contribute to the diversity of the School Community

DESIRED CHARACTERISTICS
<ol style="list-style-type: none"> 1. Demonstrated ability to attract and/or supervise high quality honours research students and postgraduate research students as evidenced by one or more of: excellent grades, awards, high quality publications or equivalent experience in the supervision of junior staff in related projects.

APPROVALS – HEAD OF SCHOOL/BRANCH MANAGER
Head of School / Branch Manager Name:.....Signature:..... Date:.....

Recruitment Handbook	Recruitment Procedure	Effective Date:	11 May 2016	Version 2.3
Authorised by	COO and Vice-President (Services and Resources)	Review Date:	11 May 2019	Page 2 of 3
Warning	This process is uncontrolled when printed. The current version of this document is available on the HR Website.			

ACKNOWLEDGEMENT OF INCUMBENT

I have read and understood the requirements of the position

Name: *(please print)* Signature: Date:

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