

# SELECTION CRITERIA



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

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

ESSENTIAL MINIMUM CRITERIA
<ol style="list-style-type: none"> <li>1. A PhD in Computer Science or related discipline, or equivalent industry experience.</li> <li>2. Programming experience and expertise in Python/Numpy, or C/C++ or other relevant language. Familiar with Deep learning toolboxes such as Python and/or Tensorflow.</li> <li>3. Experience and demonstrable expert knowledge in one or more of the following areas: deep learning, and fundamental computer vision tasks such as Object detection, Semantic segmentation, Instance segmentation, and other relevant topics.</li> <li>4. Track record of publications in top-tier Machine Learning, Computer Vision Conferences and/or journals, commensurate with experience and opportunity.</li> <li>5. Fluency in written and spoken English, with an ability to communicate scientific ideas to an expert audience.</li> <li>6. A strong work ethic, and the ability to work well independently, and as a member of a broader team, including with industrial partners.</li> <li>7. Commitment to the principles of equity, diversity and inclusion and ability to contribute to the diversity of the School Community</li> </ol>

DESIRED CHARACTERISTICS

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:.....

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

ESSENTIAL MINIMUM CRITERIA
<ol style="list-style-type: none"> <li>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.</li> <li>2. Significant programming experience and expertise in Python/Numpy, or C/C++ or other relevant language. Familiar with Deep learning toolboxes such as Python and/or Tensorflow.</li> <li>3. Significant experience and demonstrable expert knowledge in one or more of the following areas: deep learning, and fundamental computer vision tasks such as Object detection, Semantic segmentation, Instance segmentation, and other relevant topics.</li> <li>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.</li> <li>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.</li> <li>6. Ability to attract competitive research funding.</li> <li>7. Fluency in written and spoken English, with an ability to communicate scientific ideas to an expert audience.</li> <li>8. A strong work ethic, and the ability to work well independently, and as a member of a broader team, including with industrial partners.</li> <li>9. Commitment to the principles of equity, diversity and inclusion and ability to contribute to the diversity of the School Community</li> </ol>

DESIRED CHARACTERISTICS
<ol style="list-style-type: none"> <li>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.</li> </ol>

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.			

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I have read and understood the requirements of the position

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

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