CAR 1.4_rec-rec-selection-criteria-form

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
1. A PhD in Computer Science or related discipline, or equivalent industry experience. 2. Competitive research track record in machine learning, as evidenced by publications at the premier machine learning and related academic venues. 3. Strong background in physics, as evidenced by previous studies and research experience, and strong background in mathematical optimisation for machine learning, as evidenced by relevant publications. 5. Experience in supervising HDR students in machine learning or related areas. 6. Fluency in written and spoken English, with an ability to communicate scientific ideas to an expert audience. 7. A strong work ethic, and the ability to work well independently, and as a member of a broader team, including with industrial partners. 8. Commitment to the principles of equity, diversity and inclusion and ability to contribute to the diversity of the School Community

DESIRED CHARACTERISTICS
1. Experience in applying quantum techniques to AI. 2. Willingness to engage with external organisations such as companies and government agencies.

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

SELECTION CRITERIA

THE UNIVERSITY of ADELAIDE

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 C

ESSENTIAL MINIMUM CRITERIA

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. Strong background in physics, as evidenced by previous studies and research experience, and strong background in mathematical optimisation for machine learning, as evidenced by relevant publications.
3. 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.
4. 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.
5. Ability to attract competitive research funding.
6. Proven experience in supervising high quality honours research students and postgraduate research students in machine learning or related areas 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.
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

1. Experience in applying quantum techniques to AI.
2. Willingness and demonstrated capability to engage with external organisations such as companies and government agencies.

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