CAR T.P_rec-rec-selection-criteria-form_ArtIntell-Draft

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 machine learning, computer vision or related discipline, or equivalent industry experience.
2. Programming experience and expertise in Python, Pytorch/Tensorflow, Linux or other relevant language.
3. Demonstrated initiative and creativity, curiosity and enthusiasm for art and machine learning.
4. Experience and demonstrable expert knowledge in one or more or the following areas: deep learning, probabilistic graphical models, active learning, causality, vision-and-language technology such as Visual Question Answering
5. Track record of publications in top-tier Machine Learning, Computer Vision, Artificial Intelligence conferences and/or journals, commensurate with experience and opportunity.
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.

DESIRED CHARACTERISTICS

1. Experience with processing of audio data or time series using deep learning.
2. Ability to respond quickly to requests of collaborating artists.

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. Significant programming experience and expertise in Python, Pytorch/Tensorflow, Linux or other relevant language.
3. Demonstrated initiative and creativity, curiosity and enthusiasm for art and machine learning.
4. Significant experience and demonstrable expert knowledge in one or more or the following areas: deep learning, probabilistic graphical models, active learning, causality, vision-and-language technology such as Visual Question Answering
5. 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.
6. 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.
7. Ability to attract competitive research funding.
8. Fluency in written and spoken English, with an ability to communicate scientific ideas to an expert audience.
9. A strong work ethic, and the ability to work well independently, and as a member of a broader team, including with industrial partners.
10. Commitment to the principles of equity, diversity and inclusion.

DESIRED CHARACTERISTICS

1. Experience with processing of audio data or time series using deep learning.
2. Ability to respond quickly to requests of collaborating artists.

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:……..