



THE UNIVERSITY
of ADELAIDE



Faculty of Engineering, Computer and Mathematical Sciences

THE CENTRE FOR AUGMENTED REASONING SCHOLARSHIPS, AIML

Up for a challenge? Join us to work on a research project with the Australian Institute for Machine Learning

At a Glance

Who can apply?

- Australian Citizens
- Onshore International students
- International applicants

Industry partner or funding body

- Department of Education, Skills and Employment grant funding

Program of Study available

- Doctor of Philosophy (PhD)

Total annual stipend amount

- \$40,000pa

Start date

- Plan for a start date of no later than May 2022.

About the project

The Australian Institute for Machine Learning (AIML) is recognised as one of the top artificial intelligence and computer vision research institutions globally.

Located within AIML, our new Centre for Augmented Reasoning (CAR) is a \$20M investment by the Department of Education, Skills and Employment in people and research to make computers better at interacting with humans, so that all technology is easier and safer to use. The Centre supports Advanced Reasoning research through grants and PhD scholarships,

facilitating innovation and rapid commercialisation, and increasing AI literacy and engagement in Australia.

There are nine (9) scholarships available across eight projects, designed to support full-time PhD students who are commencing research in machine learning with a focus on augmented reasoning.

They cover a range of themes across multiple available scholarships including:

- Five (5) standard three-year scholarships, with possible 6-month extension
- Four (4) four-year scholarships available to suitable applicants to encourage women and those from other disciplines.

For further information specific to each research project, please visit <https://www.adelaide.edu.au/aiml/opportunities/scholarships>

Eligibility criteria

- The ideal candidate is a fast learner and will be passionate about machine learning, artificial intelligence in general, and stay up-to-date with the field's latest developments.
- Applicants with strong experimental and numerical skills in computer science and machine learning will be considered favourably.
- Excellent students who hold a Bachelor degree with Honours or an equivalent Masters degree in computer science or Mathematical Sciences focus would be especially suitable and encouraged to apply.
- Suitable applicants from other disciplines who wish to pursue postgraduate research in augmented reasoning and are interested in undertaking additional training in machine learning methods are also encouraged to apply.
- Women who meet the eligibility criteria are strongly encouraged.
- Applicants with well-developed written and verbal communication skills will be considered favourably.
- Students applying for this scholarship should plan for a **start date no later than 30/05/2022**.

Benefits

- Access to authorised travel and research project funds available
- Work alongside world leading researchers
- Our CaRST program: Free professional development to enhance your employability skills
- Exposure to industry networks and experts in the field
- No Tuition fees! These are waived for eligible candidates
- Access state of the art technology

- Become a field expert and make a real and contribute to solving global challenges
- Publish your contributions and impact our communities and society.

How to apply

- Complete an [expression of interest](#) and email together with a copy of your CV and transcripts to Lina Court at lina.court@adelaide.edu.au
- Once your initial eligibility assessment is approved, formally lodge an application for admission only via the Adelaide Graduate Centre 'How to Apply' [link](#). **Application dates are listed on the website.**

Researcher Profiles

- Use our [Researcher Profiles](#) to find out more about potential supervisors

More about ECMS

The Faculty of Engineering, Computer and Mathematical Sciences is home to world-class research institutes and centres, and internationally renowned academics at the cutting edge of research and discovery.

We are a thriving centre of learning, teaching and research in a vast range of engineering disciplines, computer science, machine learning and high-level mathematics as well as designing Human-centred, sustainable futures in our School of Architecture and Built Environments.

Many of our academic staff are leaders in their fields and graduates are highly regarded by employers.

Learn more about the Faculty of Engineering, Computer and Mathematical Science's Research capabilities at:

<https://ecms.adelaide.edu.au/research-impact>

The University of Adelaide is an Equal Employment Opportunity employer. Women and Aboriginal and Torres Strait Islander people who meet the position requirements are strongly encouraged to apply.

FURTHER INFORMATION

For a confidential discussion contact:

Name: Dr Angela Noack, Program Manager

Centre for Augmented Reasoning, AIML

The University of Adelaide SA 5005 Australia

TELEPHONE +61 8 8313 8069

EMAIL angela.noack@adelaide.edu.au

WEBSITE adelaide.edu.au

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