For assistance please contact HR Division Ph. 6125 3346
Skill Base
A Level B academic will undertake independent teaching and research in their discipline or related area. In research and/or scholarship and/or teaching a Level B academic will make an independent contribution through professional practice and expertise and coordinate and/or lead the activities of other staff, as appropriate to the discipline.

A Level B research academic will normally engage in independent scholarship and/or research and/or professional activities appropriate to their profession or discipline. The academic will normally undertake administration primarily relating to their activities at the institution.

Selection Criteria
1. A PhD (or awarding of a PhD within six months of appointment commencement) in computer science, mathematics or a related area, with a track record of independent research in the field of optimisation and/or machine learning as evidenced by publications and/or other research outputs.
2. Evidence of the ability to articulate and prosecute innovative research in the field of deep declarative networks, implicit deep layers and exact and approximate differentiable optimisation.
3. Strong mathematical background and experience in programming in Python, C++ or relevant language and use of standard deep learning software frameworks such as PyTorch, TensorFlow or JAX.
4. The demonstrated ability to work as part of a team, contributing to team management and ability to meet deadlines.
5. Ability to supervise research students and student research projects at undergraduate, post-graduate and HDR levels.
6. Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
7. A demonstrated ability and commitment to apply for competitive external funding to support individual and collaborative research activities.
8. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the Background Checking Procedure which sets out the types of checks required by each type of position.

Supervisor Signature: _______________________________ Date: 9 Feb 2022
Printed Name: Stephen Gould Uni ID: u4971180

References:

Academic Minimum Standards