Data Mining Group
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http://datamining.anu.edu.au/

THE AUSTRALIAN NATIONAL UNIVERSITY
ANU CRICOS # 00120C

APAI PhD Scholarship in Data Mining / Record Linkage

A PhD scholarship is available starting in early 2004 at the Australian National University (ANU), Department of Computer Science. The successful applicant will work as part of an exciting collaborative project with the ANU Data Mining Group and the NSW Department of Health.

Historical collections of administrative data and transactional databases contain hundreds of millions of records, with millions of records added per annum. Data mining techniques are increasingly used to analyse such large data sets. Often information from multiple data sources needs to be combined or linked in order to allow more detailed analysis. The aim of such linkages is to merge all records relating to the same entity, such as a customer or patient. Most of the time the linkage process is challenged by the lack of a common unique identifier, and thus becomes non-trivial.

In this project we aim to develop innovative techniques for large scale parallel record linkage by using and improving algorithms from machine learning and data mining, as well as parallel and high-performance computing techniques.

Qualification:	Honours I/II in computer science or related discipline, or equivalent.
Requirements:	Applicant must be Australian citizen or must hold an Australian permanent resident visa for at least 12 months prior to commencement.
Commences:	Early 2004.
Duration:	3 years (extendable to 3.5 years).
Rate of Pay:	Valued at approx. A$ 23,000 per annum (tax free).

For further information please visit:

http://datamining.anu.edu.au/student/apai_reclink2004.html

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