The Program
The Graduate Industry Placement program is coordinated through the University Engagement Branch. It offers a structured workplace experience for graduate students. Students are placed with an industry under a collaborative sponsored agreement for 12 months to undertake and complete a project(s) as directed by the industry supervisor while continuing to study for an appropriate University of Adelaide Masters Degree.

Benefits for Students
- Stipend scholarship payments for project activities of up to $33,000
- Links with a company to gain valuable industry experience
- Enhancement of skills through relevant real-world project
- Development of links with a company

Collaborating Industry Organisation
The Defence Science and Technology Organisation (DSTO) is part of Australia’s Department of Defence. DSTO is the Australian Government’s lead agency charged with applying science and technology to protect and defend Australia and its national interests.

Project No and Project Title
Project Number: GIP LOD 8 – Threat Analysis for Land Combat Vehicles using UAVs

Project Objective
Ongoing work with Deakin University has developed several scripts written in C / C++ which incorporate various degree of Intelligent Autonomous Knowledge based traits into simulated UAVs threatening a Land Combat Vehicles using an Army Simulation Package called DI-GUY (at Deakin University).

(1) These C / C++ scripts will be rewritten or integrated into DSTO / ILODs Army Simulation Package called Virtual Battlefield System 2, using various DLLs, APIs using the software development kit.
(2) If time permits enhancing the scripts to add more functionality.
(3) Run Scripts and analyse results/ produce report / conference paper on results / Research presentation.

Academic Qualifications
The graduate should have a Bachelor of Computer Science Degree, or Computer programming, or Computer Systems Engineering - Desirable: Some AI knowledge.

Applications
- Applications to be submitted no later than 9th August, 2013 to tania.johnson@adelaide.edu.au. Please include project title, resume and academic transcripts. For further information on the project please contact Tania Johnson on 83134467 or by email.

The essential criteria are:
- The graduate needs to be an Australian Citizen and will require an appropriate security clearance.
- To commence in January / February 2014.