ICT80004 Pre Internship Project Review Form - Plan

To be submitted at Canvas by second week of your internship.   Internship Start Date: 4-Aug-25

Student Name: Arun Ragavendhar Arunachalam Palaniyappan ID: 104837257

Organisation: Commonwealth Scientific and Industrial Research Organisation (CSIRO)

Industry Supervisor: Dr. Shigang Liu   Title/Position: Research Scientist

Provide your aspirational aims and objectives for each learning objectives in the unit that you plan to achieve in completing the internship project. (Complete this in consultation with your industry supervisor) An aim is something you like to achieve in broad terms, while objective is a specific, practical and time-bound step or task.

Learning Objectives		Your aspirational aims and objectives
1. Awareness of a range of issues associated with professional practice	A	Understanding the real-world challenges in making AI systems safe and secure, especially how large language models can be tricked into behaving in unsafe or misleading ways.
	O	Working on identifying how these models can be misused or confused, and writing clear summaries of what these risks mean for people and companies using AI in everyday tools and services.
2. Professional and personal skills	A	Improving my teamwork, communication, and time management by actively working with researchers, while also learning how to give and receive constructive feedback.
	O	Presenting weekly updates clearly during meetings, writing structured reports on my progress, taking notes during feedback sessions from my supervisor Dr. Liu, and reflecting on what I can do better each week.
3. Practical skills and theoretical knowledge into an IT industry context	A	Applying what I have studied about AI and cybersecurity in a real project that looks at the safety of large language models and how they respond in different situations.
	O	Supporting the team by collecting and organising examples of unexpected model behaviour, using simple tools to test these cases, and suggesting possible improvements in a way that is easy for others to understand.
4. Understanding of business processes and organisational structures	A	Learning how research is managed in a large organisation like CSIRO, including how teams plan, communicate, and report progress to reach shared goals.
	O	Joining planning sessions, following weekly task checklists, attending team briefings, and observing how roles and responsibilities are divided across the team.
5. Professional contacts and networks within	A	Building connections with people working in AI safety and research, and learning from their experiences and advice to help shape my

the IT industry		future career path.
	O	Taking part in group discussions, asking questions during meetings, staying in touch through LinkedIn or email, and offering help on shared tasks to build trust and teamwork.

Industry Supervisor's Comments:

I talked through the project plan with Arun in Week 1 and I am happy that it covers both the technical work and the professional skills he should develop during this internship. The aims and objectives are clear, realistic, and keep the technical parts at the right level. Arun has shown real interest in the project by reading research papers which I gave him and putting together a presentation to share what he learned from it. This shows he is keen to learn and prepared to put in the effort. I believe this plan will guide him well and help him make a strong contribution to the project while building his skills over this 12-week Internship at CSIRO.

Industry Supervisor's Acknowledgement:

I have read and agree to the above internship project plan to support the student's aspirational aims and objectives.

11/08/2025

X

Shigang Liu
Research Scientist
Signed by: dce7bd87-7a59-4376-8315-e460f283b809

Industry Supervisor Signature:

Date: 11-Aug-25

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