SUPERVISOR/S: Dr Heitor Gomes

PROJECT TITLE: What are the opportunities in Gallagher Group to use Artificial Intelligence across its Security/Fuel Systems/Animal Management or Contract Manufacturing areas?

FIELD: Computer Science

DIVISION/SCHOOL: HECS - School of Computing and Mathematical Sciences

PROJECT LOCATION: Hamilton Campus and Gallagher Headquarters Hamilton

PROJECT ABSTRACT:
Gallagher is a Waikato-based, internationally renowned leader in designing, developing and marketing solutions for animal management, security and fuel and contract manufacturing. It is New Zealand’s top privately-owned tech exporter and has a drive for building great teams and enabling staff across its business units.

Artificial Intelligence is expected to transform the business landscape in New Zealand. Gallagher has been growing an analytics and insights team it hopes will provide more intelligence to drive the business forward.

This Summer Research project aims to help Gallagher discover, initially at a basic level, whether there is potential to use Artificial Intelligence within some or all of its business units.

STUDENT SKILLS:
- Knowledge in Artificial Intelligence
- Understanding of machine learning and how this might work in a business environment
- Experience with large datasets
- Ability to work independently and in a work environment at Gallagher
- Ability to elicit user requirements from people

PROJECT TASKS:
- Work with the Gallagher Analytics and Insight teams to understand the current tools being used, and whether and where Artificial Intelligence could easily help drive the business forward.
- Assist Gallagher understand what ability it would need to introduce and use AI within the next 3-5 years.

EXPECTED OUTCOMES:
- Student’s Research Poster (as per clause 6 of the Scholarship regulations)
- A paper for Gallagher showing outcomes and recommended next steps.