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## DUTY STATEMENT – CASUAL ROLE

# Machine learning/AI Engineer

Position Level

Level 6

Faculty/Division

Engineering

Original document creation

March 2024

### Position Summary

The Machine Learning/AI Engineer (Level 6) will be responsible for implementing Retrieval Augmented Generation systems in university courses within engineering to provide context aware feedback to students.

### This role will:

- Apply a sound knowledge of advanced machine learning and AI concepts to develop Retrieval Augmented Generation systems for the purpose of conducting prescribed experiments.
- Suggest improvements to machine learning processes and technologies.
- Test new AI models and systems to ensure proper performance.
- Liaise with other engineers and stakeholders to finalize AI models and systems for use in experiments.
- Document AI model development processes and protocols to allow for replication and ensure transparency.
- Provide regular updates to the supervisor regarding progress in AI model development.
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact the health and safety of yourself or others.

### A person engaged is generally expected to have the following skills and experience:

- A degree in a relevant field (e.g., computer science, machine learning, or artificial intelligence) or an equivalent level of knowledge gained through a combination of education, training, and/or experience.
- Demonstrated ability to work collaboratively in a team environment and effectively communicate with both technical and non-technical stakeholders.

- Proven ability to work effectively with minimal supervision, including monitoring own workflow and priorities.
- Advanced level of computer literacy and programming ability, with experience in machine learning frameworks and tools (e.g., TensorFlow, PyTorch, or scikit-learn).

#### **Additional Pre-employment checks required for this position**

- Nil

#### **About this document**

This Duty Statement outlines the job duties, required skills & pre-employment checks required to successfully perform the role.

This document is intended to determine the scope of the position. To change the requirements of a position, contact the HR Business Partnering team.