

## JOB DESCRIPTION (Career Kickstarter)

Designation	Associate Engineer (AI)
School/Department	School of Informatics & IT / Applied Artificial Intelligence (AAI)
Number of Positions	1
Duration of Role	6 months

### KEY RESPONSIBILITIES

- Assist in developing, training, testing, and evaluating machine learning models.
- Support data preparation tasks, including data cleaning, preprocessing, and feature engineering.
- Implement AI models using standard frameworks and libraries (e.g., TensorFlow, PyTorch, scikit-learn).
- Contribute to building and maintaining AI pipelines and model deployment workflows.
- Perform model performance analysis and help improve accuracy, efficiency, and robustness.
- Document code, models, experiments, and technical processes clearly.
- Stay updated on emerging AI/ML techniques, tools, and best practices.
- Exposure to deep learning, natural language processing (NLP), or computer vision.
- Familiarity with cloud platforms (e.g. AWS, GCP or Azure) or MLOps concepts.
- Experience with SQL or basic data querying.
- Understanding of version control tools such as Git.
- Prior internship, academic project, or capstone work related to AI or ML.

### PREREQUISITES

- Foundational knowledge of machine learning concepts (e.g., supervised/unsupervised learning, model evaluation).
- Proficiency in Python; familiarity with data science libraries such as NumPy and pandas.
- Basic understanding of algorithms, data structures, and software development principles.
- Strong analytical thinking and problem-solving skills.
- Willingness to learn and take feedback in a fast-evolving technical environment.
- Strong written and verbal communication skills.
- Effective presentation skills
- Good interpersonal skills with the ability to collaborate across teams.
- Analytical thinking with attention to detail.
- Able to manage multiple priorities and meet deadlines.
- Positive attitude and willingness to learn.
- Able to work independently with minimal supervision when required.