POSITION DESCRIPTION

Position Title	DATA SCIENTIST	Position No.	50058020xxxxxxxx
Team	Product & Content Technology	Classification	Technologist
Department	Product Engineering	Schedule Roster Cycle	Schedule A Non-Rostered
Location	Ultimo	Band / Level	Band 8
Reports to	ENGINEERING MANAGER 50055073	HR Endorsement	30/01/2020

Purpose

To design, code and optimise Machine Learning (ML) models that utilise ABC audience & content data to increase audience engagement across a range of products & platforms.

Key Accountabilities

- Work with Data/DevOps engineers to design, deploy, optimise, troubleshoot Machine Learning models trained on and applied to a range of content (text/audio/video)

- Develop metrics, tools and systems to measure the impact of these models on audience engagement & related metrics across ABC digital products

- Develop novel datasets for use across a range of ML use-cases from existing ABC data

- Measure and improve performance of existing systems against technical and audience-engagement metrics.

- Raise awareness among stakeholders & the public about the ABC's innovative data/ML-related strategies

- Actively promote the ABC values and apply all relevant workplace policies and guidelines.

- Cooperate with any reasonable instruction, procedure or policy relating to safety and take reasonable care for your own safety and that of other people who may be affected by your conduct while at work. Additional WHS responsibilities apply to Managers and Supervisors, Team Directors, and other Officers.

Key Capabilities/Qualifications/Experience

1. Extensive experience in a data science role.

2. Graduate degree in a quantitative discipline (computer science, physics, statistics etc)

3. Demonstrated delivery of ML models from prototype to production in one or more domains, including Natural-Language Processing (NLP), Computer Vision (CV), Reinforcement Learning (RL)

4. Extensive experience in data extraction, analysis, modelling, visualisation

5. Extensive experience with modern ML frameworks like Tensorflow/Keras, PyTorch, Gorgonia

6. Extensive experience with statistical computing frameworks (PANDAS, scikit-learn)

7. Performance tuning/optimisation of ML models, AB testing

8. Outstanding programming skills (Go, Python, SQL)

9. Exposure to AWS ML services (SageMaker, Transcribe)

10. **ABC Principles:** Demonstrated commitment to the ABC Principles of We are ABC, Straight Talking, People Focused, Accountable and Open & Transparent.

11. **ABC Policies:** Understanding of the relevance and scope of ABC policies and the ABC Principles and a commitment to adhere to these; particularly in relation to complying with health, safety and wellbeing requirements in the workplace and acting in accordance with the ABC Principles.

12. **Diversity and Inclusion:** Ability to communicate effectively and build relationships with people from a range of diverse backgrounds.