



Machine Learning Programmer _ Content Creation TG

Montreal - Full-time - 743999991744736

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The Content Creation Technology Group (CCTG) is looking for a Senior AI/ML Programmer who will contribute to the development of applications in the domains of Generative AI and ML bots. The Senior AI/ML Programmer will bring best practices and design principles to assist the team in delivering our ambitious roadmap.

Main responsibilities:

- Designing and developing machine learning systems and schemes based on the business requirements and objectives.
- Write ML algorithms and train models.
- Create tools to support and integrate the ML models inside a multi-process pipeline.
- Identifying, preparing, and analyzing data for training and testing purposes.
- Conducting experiments, performing statistical analysis, and fine-tuning models.
- Enhancing the existing machine learning libraries and frameworks.
- Collaborating with data science team, research team and other stakeholders.

Other responsibilities:

- Creating proof of concepts, that can require model training, fine tuning, experimenting with different techniques and models.
- Optimizing existing models and solutions for improved performance, scalability, and efficiency.
- Adapting and improving models' usage, facilitating tools usage, and adapting these to users needs.
- Collaborating with cross-functional teams to define project requirements and objectives.
- Conducting research to stay up to date with the latest advancements.
- Documentation, presentations, and knowledge sharing to communicate complex AI concepts to both technical and non-technical collaborators.

Education:

- Bachelor's degree in computer science or computer engineering or equivalent. Master in AI or Machine Learning is an asset.

Relevant experience:

- Minimum 5 years' experience in AI/ML.

Skills:

- A deep knowledge of Machine Learning and deep learning fundamentals.
- Proficient in Python and have experience with libraries and frameworks such as PyTorch, scikit-learn, pandas, FastApi.
- A good knowledge of cloud-based platforms is an asset.
- A good knowledge of Database products is an asset.