



Machine Learning Deployment Developer

Montreal - Full-time - 744000027243001

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Ubisoft IT is looking for an Machine Learning (ML) Deployment Developer to join the Consumer Data Domain team which is part of the Ubisoft Data Office (UDO) department. This team's main mission is to leverage data to improve the consumer experience by engaging with all our users along their journey.

As a ML Deployment Developer within this team, you will be responsible for deploying and managing the infrastructure supporting scalable machine learning systems. You will also contribute to the implementation of microservices and associated APIs, helping to maintain the trust and safety of our users. You will ensure the delivery of high-quality products by integrating research and engineering cycles, from the prototyping phase to production.

Responsibilities:

- Design, prototype, build, and maintain microservices & APIs that deliver data and models to teams and projects across Ubisoft;
 - Build pipelines and batch processes that move and transform data;
 - Build and manage a scalable infrastructure in the cloud;
 - Participate in the decisions and implementations to improve the platform's quality;
 - Participate in proof-of-concept (POC) projects to advance your understanding of new data and Machine Learning related technologies;
 - Write, optimize, and produce high-quality code that can run at scale, using modern best practices such as Machine Learning Operations (MLOps);
 - Collaborate with data and machine learning engineers to ship models or prediction pipelines to production in our internal or public cloud infrastructures;
 - Take ownership of the projects you build while ensuring they progress accordingly.
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- Previous experience in Software/Data engineering, or a related field;
 - Solid experience with programming languages such as Python, Rust, or Spark;
 - Experience building and interacting with REST APIs and familiarity with the principles of microservice architecture and API design;
 - Proficient experience using Kubernetes;
 - Good experience using cloud technologies such as AWS and Azure;
 - Experience deploying machine learning models to production.

Just a heads up: If you require a work permit, your eligibility may depend on your education and

years of relevant work experience, as required by the government.

Skills and competencies show up in different forms and can be based on different experiences, that is why we strongly encourage you to apply even though you may not have all the requirements listed above.

At Ubisoft, we embrace diversity in all its forms. We're committed to fostering an inclusive and respectful work environment for all. We know the importance of providing a pleasant interview experience, therefore if you need any accommodation, please let us know if there is anything we can do to facilitate the interview process.