

Mefta Sadat

<https://www.linkedin.com/in/meftasadat>
meftasadat@gmail.com +1 647 745 8961

EDUCATION

TORONTO METROPOLITAN UNIVERSITY (TMU)
MSc in COMPUTER SCIENCE
Sept 2015 - May 2017
Toronto, ON, Canada

LINKS

Github:// [meftasadat](#)
LinkedIn:// [meftasadat](#)

PUBLIC TALKS

- MLOpsWorld Conference, June 2022
- MLOps Community Talk, Dec 2021
- MLOpsWorld Conference, June 2021

SKILLS

PROGRAMMING

Python • Java

AGENTIC

LangGraph • LangFuse
MCP • AG-UI • Chat UI
ChatGPT Apps SDK • LiteLLM
Qdrant

TOOLING

Databases
MySQL Postgres
Firestore BigTable
Big Data
Apache Beam (Dataflow), Spark
Apache Airflow
BigQuery Kafka PubSub

Others

Seldon • Vertex AI
GitLab • Docker • Kubernetes
Linux OS • Shell Scripting
Automated Deployments CI/CD

PET PROJECTS

Similar Items API
[meftasadat/similar-items-api](#)

EXPERIENCE

LOBLAW DIGITAL | STAFF SOFTWARE ENGINEER

Aug 2018 – Present | Toronto, Canada

- 2025 Q3: Built LD Internal Agent Orchestration Engine Alfred that is being used to deploy 10+ conversational agentic use cases. Alfred uses open source stack like LangGraph, LangFuse, LiteLLM, Gradio and MCP servers.
- 2025 Q1: Designed and deployed LLM-powered features, incorporating LLMOps principles. Built batch prediction, monitoring, and orchestration capable of processing 15 million prompts weekly, utilizing Qdrant for vector search, Vertex AI for ML infrastructure and Airflow for task orchestration.
- 2022 Q1: Built LD's MLOps platform by using tools such as Kubernetes, Vertex AI, Seldon, Prometheus and Grafana to help data scientist go from EDA to model serving in prod quickly. Built a Recommendation Engine using this platform to replace a 3rd party tool called Kibo that will save more than 200k per year on subscription fees.

ZONETV | ML SOFTWARE ENGINEER

June 2017 – Aug 2018 | Toronto, Canada

- Built ZoneTV's Machine Learning model-serving and re-training infrastructure using Hybrid multi-cloud platform (AWS and Azure) <https://www.zoneify.tv/>
- Built a scalable Recommendation System using Azure Machine Learning and Apache Spark on AWS EMR that is deployed in production. Microsoft Featured this as successful customer story <https://customers.microsoft.com/es-mx/story/zone-tv-media-telco-azure>
- Developed RESTful ML model serving applications using AWS Lambda and API Gateway (leveraging Chalice Framework) and EC2 serving multiple clients like TiVO, Virgin Media UK.

IBM - CAS | GRADUATE STUDENT RESEARCHER

Sept 2015 – Dec 2016 | Toronto, Canada

- Extracted and analyzed log data of the users of IBM Watson Analytics using Python and ElasticSearch to improve the ranking of the data visualizations in IBM Watson Analytics.

RESEARCH

RYERSON DATA SCIENCE LAB | RESEARCH ASSISTANT

Sep 2015 – May 2017 | Toronto, Canada

Implemented machine learning techniques such as recommender systems and probabilistic classifiers to predict defect rediscovery in commercial and open source software projects with Dr. Andriy Miransky and Dr. Ayse Bener.

- Received nomination for the Governor General Award (for Grad Students) from the Computer Science Department.

PUBLICATIONS

- [1] Mefta Sadat, Ayse Basar Bener and Andriy V. Miransky. "Rediscovery Datasets: Connecting Duplicate Reports". In: Proceedings of the 14th International Conference on Mining Software Repositories (MSR'2017). 2017. url: <http://dl.acm.org/citation.cfm?id=3104263>.
- [2] Mefta Sadat, Ayse Basar Bener and Andriy V. Miransky. Rediscovery Datasets: Connecting Duplicate Reports of Apache, Eclipse, and KDE (Downloaded more than 500 times). Mar. 2017. doi: 10.5281/zenodo.400614. url: <https://doi.org/10.5281/zenodo.400614>.