

METE (MAHAMMAD) ISMAYILZADA

MSC STUDENT

SUMMARY

MSc Data Science Student at EPFL with 5+ years of experience as a Software Engineer. Previously ML engineer at integrate.ai, co-founder at destin.ai, and Next AI entrepreneur. Actively interested in research into the neurosymbolic AI, reasoning, compositionality, linguistically motivated NLP and knowledge-driven, cognitive-model-based AI.

CONTACT

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🔗 [mismayil](https://www.github.com/mismayil)

SKILLS

TECHNOLOGIES

Python
Javascript
Java
C
C++
HTML
CSS
SQL
git
node.js
Shell scripting
Nginx
pyspark
React.js
MongoDB
terraform
REST API
pandas
Tensorflow
matplotlib
numpy
nltk
pytorch
sklearn
AWS Services

LANGUAGES

English
Turkish
Azerbaijani
Russian
French

EDUCATION

ÉPFL

Master Data Science 2023

Sep. 2021 to Present

University of Waterloo

Bachelor Computer Science 2016

With Distinction

Sep. 2012 to Jun. 2016

EMPLOYMENT

Sony Inc.

Research Intern

Research and development of an open-domain dialog system that can mimick any given character based on few utterances

Tokyo, Japan
Jul. 2022 to Sep. 2022

integrate.ai

Software/ML Engineer

- Designed and developed core ML infrastructure and tools for Science team to train, test and deploy models
- Collaborated with ML Scientists on research projects to incorporate state of the art ML techniques into our platform
- Designed and developed a Federated Learning framework similar to flower.dev
- Researched and integrated various Differential Privacy techniques into our ML models

Toronto, Canada
Jul. 2019 to Aug. 2021

Destin AI

Co-founder & CTO

- End-to-end design and development of the core platform (destin.ai)
- Built an AI-powered chatbot solution (m.me/heydestin)
- Participated in Next AI, DMZ, Legal Innovation Zone and MaRS accelerator programs

Toronto, Canada
Sep. 2017 to Jun. 2019

Bluecat Networks

Software Engineer

Enhanced Bluecat's DNS, DHCP and IP solution with various features

Toronto, Canada
Sep. 2017 to Jul. 2018

Cisco Systems

Software Engineer

Developed a Python library for programmatic management of Cisco switches and routers

Ottawa, Canada
Jun. 2016 to Jul. 2017

Freescall Semiconductors

Software Engineer Intern

Automated testing and code coverage processes for Linux drivers

Ottawa, Canada
May 2015 to Aug. 2015

TD Securities

Software Developer Intern

Developed an accounting web app from end to end

Toronto, Canada
May 2014 to Aug. 2014

PROJECTS

kogito

A Knowledge Inference Toolkit

Feb. 2022 to Jun. 2022

Differentially Private Random Forest Algorithm

Contributed to IBM's differential privacy library [diffprivlib](https://github.com/IBM/diffprivlib)

Sep. 2021

Words and Personalities

Data analysis project exploring the relationship between language and personalities

Nov. 2021 to Dec. 2020

AWARDS

Full State Scholarship (2012-2016)

Government of Azerbaijan

Full funding during study at University of Waterloo

Sep. 2012

Certificate of Distinction in the Euclid Mathematics Contest

University of Waterloo

Feb. 2012

Presidential Scholarship

Government of Azerbaijan

Awarded to top students entering university studies

Sep. 2010

CERTIFICATES

NLP Nanodegree

Udacity

Text Processing, Naive Bayes Classification, Part of Speech Tagging with HMM, Sentiment Analysis, Topic Modelling, RNN, Machine Translation with Deep Learning Attention, Speech Recognition

[See credential](#)

NLP Specialization (deeplearning.ai)

Coursera

4 courses (Classification and Vector Spaces, Probabilistic Models, Sequence Models, Attention Models)

[See credential](#)

Machine Learning with Python: From Linear models to Deep Learning (MITx-6.86x)

edX

Classification, Regression, Recommender Systems, Neural Networks, CNN, Clustering, Mixture Models, Reinforcement Learning

[See credential](#)

Our Privacy Opportunity

OpenMined

Information Flow, Structured Transparency, Homomorphic Encryption, Secure Multi-party Computation, Differential Privacy

Minds and Machines (MITx-24.09x)

edX

Chinese Room Argument, Turing machines, Dualism, Functionalism, Behaviorism, Knowledge

[See credential](#)

Deep Learning Specialization (deeplearning.ai)

Coursera

5 courses (Neural Networks and Deep Learning, Improving Deep Neural Networks, Structuring Machine Learning Projects, Convolutional Neural Networks, Sequence Models)

[See credential](#)

PUBLICATIONS

From Words to Vectors

Article

Published and featured on **Towards Data Science**

[See article](#)