

SUMMARY

Ph.D. Student at EPFL and IDIAP researching computational creativity in NLP. I finished my Master's in Data Science at EPFL and have 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 neurosymbolic AI, reasoning, compositionality, linguistically motivated NLP, and knowledge-driven, cognitive-model-based AI.

CONTACT

✉ mismayilza@gmail.com

🌐 mete.is

☎ +41765051292

📍 Lausanne, Switzerland

in [mismayilzada](#)

🌀 [mismayil](#)

SKILLS

TECHNOLOGIES

Python
 Javascript
 Java
 C/C++
 HTML / CSS
 SQL / NoSQL
 git / linux
 node.js / react.js
 MLOps / DevOps
 numpy / pandas
 TensorFlow / Pytorch
 sklearn / pyspark
 spacy / huggingface
 matplotlib / seaborn

LANGUAGES

English (advanced)
 Turkish (native)
 Azerbaijani (native)
 Russian (elementary)
 French (B1)

EDUCATION

EPFL Sep. 2023 – Present
 Ph.D. Computer Science 2027

EPFL Sep. 2021 – Jun. 2023
 Master Data Science 2023

University of Waterloo Sep. 2012 – Jun. 2016
 Bachelor Computer Science 2016
 With Distinction

EXPERIENCE

ÉPFL Lausanne, Switzerland
 Student Assistant Sep. 2022 – Jun. 2023
 Assisting in grading homeworks and helping students with their projects for graduate courses Applied Data Analysis (Fall 2022) and Modern NLP (Spring 2023)

Research Assistant Nov. 2022 – Jan. 2023
 Research on temporal causal reasoning in NLP at Artificial Intelligence Lab (LIA)

Sony Inc. Tokyo, Japan
 Research Intern Jul. 2022 – Sep. 2022

Research and development of an open-domain dialog system that can mimic any given fictional character based on few of their sample utterances

integrate.ai Toronto, Canada
 Software/ML Engineer Jul. 2019 – Aug. 2021

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

Destin AI Toronto, Canada
 Co-founder & CTO Sep. 2017 – Jun. 2019

- 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

Bluecat Networks Toronto, Canada
 Software Engineer Sep. 2017 – Jul. 2018

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

Cisco Systems Ottawa, Canada
 Software Engineer Jun. 2016 – Jul. 2017

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

PROJECTS

Parrot
 Educational toolkit to interact with OpenAI models

Words and Personalities
 Data analysis project exploring the relationship between language and personalities

mini-pytorch
 From scratch implementation of pytorch autograd and core modules

Differentially Private Random Forest Algorithm
 Contributed to IBM's differential privacy library [differential-privacy](#)

PUBLICATIONS

CRow: Benchmarking Commonsense Reasoning in Real-World Tasks 2023
 Mete Ismayilzada, Debjit Paul, Syrielle Montariol, Mor Geva, Antoine Bosselut
Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)
 [paper] [website]

REFINER: Reasoning Feedback on Intermediate Representations 2023
 Debjit Paul, Mete Ismayilzada, Maxime Peyrard, Beatriz Borges, Antoine Bosselut, Robert West, Boi Faltings
Preprint
 [paper]

kogito: A Commonsense Knowledge Inference Toolkit 2022
 Mete Ismayilzada, Antoine Bosselut
Proceedings of the 17th Conference of the European Chapter of ACL (EACL)
 [paper] [code]

AWARDS

Full State Scholarship (2012–2016) Sep. 2012
 Government of Azerbaijan
 Full funding during study at University of Waterloo

Certificate of Distinction in the Euclid Mathematics Contest Feb. 2012
 University of Waterloo

Presidential Scholarship Sep. 2010
 Government of Azerbaijan
 Awarded to top students entering university studies