

# Tsegazab Tesfay

f. 04.06.89

Data Scientist | Software engineer, and passionate about Big Data and what opportunities lie in the technology for the future.

I am committed, aware of responsibility and conscientious with a calm and pleasant personality.

## EDUCATION

📅 2020 – 2022

### MSc. APPLIED DATA SCIENCE

🇳🇴 University of Stavanger, Norway

- Data Mining and Machine Learning algorithms
- Statistics
- Understanding, Analysis and Application of Big Data

📅 2017 – 2020

### BSc. SOFTWARE ENGINEERING

🇳🇴 OsloMet – Oslo Metropolitan University Norway

- Programmering, programvare, system- og applikasjonsutvikling.
- Problemløsning, programvareutvikling og grensesnitt.
- Prinsipper for oppbygning av datasystemer og datanettverk.

📅 2013 – 2015

### COMPUTER SCIENCE

🇳🇴 NTNU Norway

- Completed two years of a five-year master's program.

📅 2010 – 2013

### UPPER SECONDARY SCHOOL

+ At Rud Secondary School Norway

## WORK - EXPERIENCE

📅 Jun. 2023 – Aug. 2023

### Professional Development

- Retrieving real-time streaming data via Kafka and subsequently storing the data in MongoDB.

📅 Jun. 2022 – Jun. 2023

- Created Machine Learning Pipeline (from taking raw input features to model pushers).
- Training machine learning models for making highly accurate predictions.
- Deploying web app on AWS EC2 with cloud watch monitoring.
- Designed a Continuous Training Pipeline using GitHub actions on remote machine and utilized an S3 bucket as model registry.
- Utilized GitHub actions to deploy dockerized application on a GPU instance, optimizing inferencing speed.

### Data Scientist

- Machine learning model development within the NLP domain, including other domains and application areas.
- Building a production pipeline for the NLP models.
- Continuous improvement of internal frameworks, processes, and methodologies to streamline the workflow.
- Coordinate closely with other team members to identify and plan for implementation of new potential ML applications.
- Develop and optimize object detection algorithms and models using deep learning techniques.
- Collaborate with others to collect, preprocess, and augment datasets for training and evaluation.
- Conduct research and stay current on advances in object detection and computer vision.
- Fine-tune and optimize existing models for performance improvements.
- Testing and evaluating models to ensure their robustness and accuracy.

📅 2018 - 2020

### Course Instructor

- Academic work for refugees and asylum seekers.
- Responsibility for planning and management of computer courses at OsloMet

📅 2009 - 2018

### Manager— McDonalds

- Responsible for delivering excellent operational results and customer experiences.
- Focuses on quality, service, and cleanliness pushes the restaurant employees to offer the finest customer service possible.

📅 2002 - 2006

### Interns. Tech-Heavy Equipment

- Understand the working programme of the hydraulic part of heavy equipment with/without the use of computers.
- Driving skills for bulldozers, forklifts, backhoes, dump trucks and excavators

## SKILLS

- Programming (Python, Java)
- Statistics and Mathematics
- Regression analysis
- Data Wrangling
- Data Visualization
- Machine learning
- Natural Language Processing
- Problem solving and critical thinking
- Data intuition
- Collaboration

## LANGUAGE

- Norwegian – Fluent
- English - Fluent
- Tigrinja - Native

## COURSE/CERT

- Deep Learning A-Z: Hands-On Artificial Neural Networks – At Udemy

## INTERESTS

- Physical Activity (Working out three to four times per a week)

## REFERENCES

References are provided on request, but my friends, colleagues and managers would describe me as committed, responsible and conscientious.