

ROBEL WELDEMICHAEL GHEBREMEDHIN

📍 Norway

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+ ABOUT ME

As a computer science graduate and current master's student in Artificial Intelligence, I am passionate about leveraging technology to address complex challenges - particularly in simulation, automation, and AI-driven systems. In my role as Simulation Team Leader at UiS Drillbotics, I led the development of advanced simulations for automated drilling systems, emphasizing innovation, efficiency, and teamwork. I bring a strong background in software development, AI, and simulation modeling, and I aim to apply these skills to develop transformative solutions in both industry and research.

+ WORK EXPERIENCE

- JAN 2025 - SEP 2025
OUTLIER AI TRAINER
 - Contributed to the development and refinement of large language models (LLMs) by creating, evaluating, and improving training datasets.
 - Focused on enhancing model performance through high-quality data curation and structured linguistic analysis.
- MAY 2024 - MAY 2025
UIS DRILLBOTICS SIMULATION TEAM LEADER
 - Led the design, development, and implementation of advanced simulations for automated drilling systems.
 - Coordinated development efforts and ensured simulation models aligned with real-world drilling data.
- OCT 2023 - JUN 2024
UIS AEROSPACE - SOFTWARE DEVELOPER
 - Designed GUI and web-based applications for aerospace data visualization using LabVIEW and web technologies.
 - Focused on improving usability, real-time data handling, and performance.
- UiS AUG 2023 - JUN 2024
ENT3R UIS STUDENT MENTOR
 - Mentored videregående and ungdomsskole students in mathematics and science-related subjects.
- Posten & Helthjem JAN 2021 - DEC 2022
POST DELIVERY
 - Delivered mail and packages across Sandnes, Bærum, and Haslum.
- AUG 2022 - NOV 2022
STUDENT ASSISTANT (RED102 - PHYSICS FOR ELECTRO AND DATA)
 - Provided academic support and evaluated assignments.

+ EDUCATION

+ SKILLS

TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Keras, XGBoost

MATLAB, Simulink, Custom Simulation Models, FastAPI, React, JavaScript

Active Listening, Calm Under Pressure, Continuous Learning, Problem Solving

+ LINKS

LinkedIn

■ [linkedin.com/in/Robel-Ghebre-medhin](https://www.linkedin.com/in/Robel-Ghebre-medhin)

GitHub

github.com/rabrie10

- Oslo Metropolitan University (OsloMet) 2027
Oslo
MASTER OF ARTIFICIAL INTELLIGENCE
- University of Stavanger 2025
Stavanger
BACHELOR OF COMPUTER SCIENCE
 - BSc in Computer Science, UiS
 - Graduated with Honors, GPA: 3.7/5.0

+ PROJECTS

- OCT 2025
HACKATHON OSLOMET, OSLOMET
- FEB 2024
BASELINE HACKATHON, UIS
- OCT 2025
FULL-STACK MULTIPLAYER CHECKERS GAME
- MAY 2024
FOOTBALL MATCH RESULT PREDICTION MODEL
- DEC 2024
NEWS SUBJECTIVITY/OBJECTIVITY DETERMINER MODEL, UIS