

Bora Kargi

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EDUCATION

University of Tübingen

2023 – 2026

MSc in Machine Learning

Tübingen, Germany

- Graduated **with distinction**, with a final grade of **1.1/1.0**
- Master's thesis on a fragility of CLIP-based vision–language models, supervised by Prof. Seong Joon Oh

Middle East Technical University (METU)

2018 – 2023

BSc in Computer Engineering

Ankara, Turkey

- Ranked **5th out of 305** students, with a **cGPA of 3.83/4.00**

PUBLICATIONS

Bora Kargi, Arnas Uselis, Seong Joon Oh. *Half-Truths Break Similarity-Based Retrieval*. Preprint, 2026.

[paper](#)

Bora Kargi, David Salinas. *From Uncertain Judgments to Calibrated Rankings: Conformal Elo Estimation for LLM Evaluation*. Preprint, 2026.

[paper](#)

Bora Kargi^{*}, Valay Bundele^{*}, Karahan Saritas, Oguz Ata Cal, Kivanc Tezoren, Zohreh Ghaderi, Hendrik Lensch. *Evaluating Self-Supervised Learning in Medical Imaging: A Systematic Investigation of Robustness, Generalizability, and Multi-Domain Transfer*. BMVC, 2025. (* equal contribution)

[paper](#)

Markus Flicke, Glenn Angrarbeit, Madhav Iyengar, Vitalii Protsenko, Illia Shakun, Jovan Cicvaric, **Bora Kargi**, Haoyu He, Lukas Schuler, Lewin Scholz, Kavyanjali Agnihotri, Yong Cao, Andreas Geiger. *Scholar Inbox: Personalized Paper Recommendations for Scientists*. ACL 2025 (System Demonstrations).

[paper](#)

EXPERIENCE

ELLIS Institute Tübingen

Feb. 2026 – Present

Research Engineer

Tübingen, Germany

- Contribute to the **OpenEuroLLM** project, focusing on the **evaluation** of large language models
- Develop calibrated, uncertainty-aware methods for ranking models from LLM-as-a-judge comparisons
- **Technical Skills**: Python, PyTorch, distributed evaluation pipelines

Autonomous Vision Group / Scholar Inbox

Apr. 2024 – Jan. 2026

Student Assistant (Full Stack)

Tübingen, Germany

- Designed and integrated a hierarchical profiler to monitor and visualize function execution times
- Accelerated machine-learning workflows by developing a distributed worker system
- Built a scalable, distributed pipeline for serving Large Language Models (LLMs)
- **Technical Skills**: Python (PyTorch), Celery, React, Flask

DataBoss Security & Consulting

Nov. 2022 – Aug. 2023

Deep Learning & Computer Vision Engineer

Ankara, Turkey

- Integrated and evaluated state-of-the-art object-detection models for real-world applications
- Developed and tested data-augmentation techniques to boost detection performance
- Designed an end-to-end OCR pipeline supporting multiple newspaper sources
- **Technical Skills**: Python (PyTorch), OpenCV, Docker, Flask

Kuartis Technology and Consulting

Deep Learning & Computer Vision Engineer Intern

Aug. 2022 – Sep. 2022

Ankara, Turkey

- Built a pipeline to automate uploading of company data into an annotation tool for segmentation
- Trained deep neural networks for road segmentation for off-road vehicles
- **Technical Skills:** Python (PyTorch), OpenCV, Pandas, Linux, Git

KOVAN Research Lab

Undergraduate Researcher (Prof. Sinan Kalkan)

Aug. 2021 – Sep. 2021

Ankara, Turkey

- Trained a robotic agent in simulation to autonomously pick up and place objects at target locations
- Enhanced the simulation's camera system to support user-designed multi-camera setups
- **Technical Skills:** Python, NumPy, PyTorch, ROS

TUBITAK

Undergraduate Researcher (Prof. Tansel Ozyer, Prof. Reda Alhajj)

Feb. 2021 – Jul. 2021

Ankara, Turkey

- Built a web tool to upload, display, and preprocess datasets and train ML/DL models
- Trained an LSTM model to predict the presence of specific eye diseases
- **Technical Skills:** Python, NumPy, TensorFlow, Flask, HTML/CSS/JS

SKILLS

Languages : Python (PyTorch, vLLM, NumPy, Pandas, scikit-learn), C/C++, SQL, HTML/CSS

Tools : Linux, Shell (Bash/Zsh), Git/GitHub, Docker, Celery, React, Flask, REST, \LaTeX

Spoken : Turkish (native), English (professional), German (beginner), Japanese (beginner)

HONORS & AWARDS

2023 **ELIZA** Research-Oriented Master's Scholarship recipient, Tübingen

2023 **METU CENG Demoday** — graduation project ranked 4th of 33, Ankara

2020 **KODTÜ** Programming Contest — placed 13th among 100+ teams, Ankara

2018 **YKS** National University Entrance Exam — ranked 435th of 2M+ candidates