



MUHAMMED ÇINAR

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EDUCATION

B.Sc. in Computer Engineering

Sep 2021 – Aug 2025

TOBB University of Economics and Technology

Ankara, Türkiye

- GPA: 3.19/4.00
- Relevant Coursework: Deep Learning, Image Processing

EXPERIENCE

AI Engineer Intern

May – Aug 2025

Teknopar

Ankara, Türkiye

On-Site

- Designed and deployed an AI-based management system from scratch.
- Built a staff management interface using **Flask**.
- Customized and trained deep learning models using **PyTorch**.
- Implemented a computer vision tool management system with **OpenCV**.

Software Engineer Intern

Jan – Apr 2024

TOBB ETU Superconducting Electronics Laboratory

Ankara, Türkiye

On-Site

- Researched optimization with genetic algorithms for efficiency improvements.
- Developed hybrid optimization algorithms in **MATLAB** and **PyTorch**.
- Implemented quantized weight models for neuromorphic processors.

Software Engineer Intern

May – Aug 2023

AYESAŞ

Ankara, Türkiye

On-Site

- Contributed to large-scale software systems using **Java**.
- Collaborated using **Jira** and **GitHub** for version control and agile workflows.

PUBLICATIONS

- A. Şahin, M. Çınar, T. Akgün, "A LoRA Based Method for Efficient Model Parameter Reduction." *Advanced Machine Learning and Data Science (AMLDS)*, Tokyo, Japan, 2025. [DOI]

SKILLS

- **Technologies:** Unity, Blender, Arduino
- **Programming:** Python, C, C++, C#, Java, MATLAB
- **Frameworks & Libraries:** TensorFlow, PyTorch, NumPy, Pandas, Keras, scikit-learn, Matplotlib
- **Tools:** Git, Jira, Google Colab, Hugging Face, Kaggle, PyCharm, Jupyter Notebook
- **Languages:** Turkish (Native), English (Fluent), Japanese (Beginner)

LEADERSHIP & ACTIVITIES

President, TOBB ETÜ Board Games Society

2023 – 2025

- Organized board game events with 40+ active participants.
- Coordinated the management team and oversaw club activities.

REFERENCES

Toygar Akgün, Assistant Professor

Department of Computer Engineering

TOBB University of Economics and Technology

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