Mehmet Batuhan Duman

 github.com/bthndmn12   linkedin.com/in/mehmet-batuhan-duman   mehmetbatuhanduman@gmail.com

EDUCATION

Manisa Celal Bayar University	Sept. 2018 – Jan. 2024
B.S. Computer Engineering (Major)	
Universidad de Almería	Sept. 2021 – Feb. 2022
Computer Engineering (Erasmus)	

EXPERIENCE

Universidad de Malaga's ERTIS Research Lab	Sep. 2023 – Apr. 2024
Research Intern	*Malaga, Spain*

- I was fine tuning META's Segment Anything model for the Zerovision Project I was working on and I was also working on other Segmentation Techniques.

JForce Bilişim Teknolojileri AŞ	Aug. 2022 – Oct. 2022
Software Developer Internship	*Istanbul, Turkey*

- Developed a CRUD Application using Spring Boot, ReactJS, and PostgreSQL

PROJECTS

ZeroVision Date: [2024]

Website: https://bthndmn12.github.io/zerovision/

- The project's overarching goals include the detection of pollutants and air bubbles within wastewater treatment facilities. Collaborating with CETAQUA, I analyzed datasets obtained from multi-spectral and wide-angle visible-spectrum cameras, employing the Segment Anything model and Federated Learning techniques. Learning techniques.

Shipnet Date: [2022]

GitHub: github.com/bthndmn12/shipnet

- The project Deep Learning Based Ship Detection from Multi-Modal Satellite photos intends to develop a deep learning-based system for autonomously identifying ships in satellite photos.

MCBU-Veri Earthquake Visualization Date: [2023]

GitHub: github.com/MCBU-Veri-Toplulugu/Veri-Earthquake-Visualization

- Contributed to a data visualization project focusing on earthquake data, aiming to provide insightful visual representations for better understanding seismic activities.

REFERENCES

Dr. Manuel Díaz Rodríguez
Full Professor in the Department of Languages and Computer Sciences
Department of Computer Science, Universidad de Málaga
Email: mdr@lcc.uma.es

Dr. Cristian Martín Fernández
Assistant Professor at the University of Málaga and at the ITIS Software
Department of Computer Science, Universidad de Málaga
Email: cristian@uma.es

Dr. Övünç ÖZTÜRK
Assistant Professor at the Manisa Celal Bayar University
Department of Computer Science, Manisa Celal Bayar University
Email: ovunc.ozturk@cbu.edu.tr

Skills

Programming Languages: Python, Java, Processing

Machine Learning Libraries: PyTorch, TensorFlow, scikit-learn, pandas

Web Development Frameworks: React, Flask, Django, Node.js, Spring Boot

Version Control: Git

Language Skills

Mother Tongue
Türkçe
Other Languages
English (B2), Spanish (A1)