

Res. Asst. Muharrem Atakan ŞENTÜRK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Computer Engineering, Turkey 2024 - Continues
Postgraduate, Tekirdağ Namik Kemal University, Institute of Natural and Applied Sciences, Computer Engineering, Turkey 2021 - 2024

Undergraduate, Istanbul Aydın University, Faculty of Engineering, Computer Engineering, Turkey 2015 - 2020

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

IT, Microsoft Certified Software Developer Training, BilgeAdam Akademi, 2019

Dissertations

Postgraduate, Automatic Artificial Neural Network Model Development Tool For Dataset, Tekirdağ Namik Kemal University, Institute of Natural and Applied Sciences, Computer Engineering, 2024

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Software

Academic Titles / Tasks

Research Assistant, Istanbul University, Bilgisayar Ve Bilişim Teknolojileri Fakültesi, Bilgisayar Mühendisliği Bölümü , 2024 - Continues

Research Assistant, Yeditepe University, Faculty of Engineering, Computer Engineering, 2023 - 2024

Courses

Introduction To Data Science, Undergraduate, 2024 - 2025

Introduction To Programming, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Compression Index Regression of Fine-Grained Soils with Machine Learning Algorithms**
Kim M., Şentürk M. A., Li L.
APPLIED SCIENCES, vol.14, no.19, pp.8695, 2024 (SCI-Expanded)
- II. **Deep Learning Approach on Prediction of Soil Consolidation Characteristics**
Kim M., Senturk M. A., Tan R. K., Ordu E., Ko J.
Buildings, vol.14, no.2, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **Deep Learning Based Multi-Parameter Assistive System for COVID-19 Diagnosis**
Şentürk M. A., Korkmaz Tan R.
Journal of Balkan Science and Technology (JBST), vol.3, no.1, pp.16-22, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Artificial Intelligence Supported Continuous Auditing: A Software Development Approach**
Doğan S., Yavuzaslan Söylemez S., Şentürk M. A.
MODAV-ICA2024 21st INTERNATIONAL CONFERENCE ON ACCOUNTING, Çanakkale, Turkey, 12 September 2024, pp.1-2
- II. **Chest CT Images Classification As COVID-19 Pneumonia And No-findings Using Deep Convolutional Neural Networks**
Şentürk M. A., Korkmaz Tan R.
The ICASEM 4th International Applied Sciences, Engineering, and Mathematics Congress, Tekirdağ, Turkey, 20 October 2022, pp.1-5

Metrics

Publication: 5