

## Asst. Prof. ERMAN ÖZER

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### Education Information

Doctorate, Sakarya University, Faculty Of Computer And Information Sciences, Department Of Computer Engineering, Turkey 2015 - 2022

Postgraduate, Sakarya University, Faculty Of Computer And Information Sciences, Department Of Computer Engineering, Turkey 2013 - 2015

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2007 - 2012

### Dissertations

Doctorate, YAZILIM TANIMLI AĞLAR ÜZERİNDE MAKİNE ÖĞRENİMİ KULLANARAK OPTİMAL ÖZELLİK ÇİFTLERİNİ BELİRLEME VE ANOMALİ TESPİTİ, Sakarya University, Faculty Of Computer And Information Sciences, Department Of Computer Engineering, 2022

Postgraduate, Derin paket analizi ile ddos ataklarının tespiti ve dlp uygulaması, Sakarya University, Faculty Of Computer And Information Sciences, Department Of Computer Engineering, 2015

### Published journal articles indexed by SCI, SSCI, and AHCI

- Toward lightweight intrusion detection systems using the optimal and efficient feature pairs of the Bot-IoT 2018 dataset**  
Ozer E., Iskefiyeli M., Azimjonov J.  
INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS, vol.17, no.10, 2021 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- Utilizing Hybrid Encryption Methods to Ensure the Security of Financial Transactions**  
Özer E., Aydos H.  
2024 8th International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 20 - 22 September 2024
- Machine Learning Based Feature Optimization and Early Detection System in Heart Diseases**  
Özer E.  
7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), İstanbul, Turkey, 23 - 25 November 2023
- Comparative Analysis of Computational Intelligence Techniques in Financial Forecasting: A Case**

### **Study on ANN and ANFIS Models**

ÖZER E., Sevinçkan N., Demiroğlu E.

32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024

#### **IV. Detection of DDoS Attack via Deep Packet Analysis in Real Time Systems**

Ozer E., Iskefiyeli M.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.1137-1140

#### **V. Traffic Intensity Estimation Using Real Time Computer Vision System**

Özer E.

2ND INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE, Karabük, Turkey, 18 - 20 June 2014, pp.55-60

### **Metrics**

Publication: 6

Citation (WoS): 4

Citation (Scopus): 16

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H-Index (Scopus): 2