

## Res. Asst. MUSA ASLAN

### Personal Information

**Office Phone:** [+90 462 377 8368](tel:+904623778368) Extension: 8368

**Email:** [musaaslan@ktu.edu.tr](mailto:musaaslan@ktu.edu.tr)

**Web:** <https://avesis.ktu.edu.tr/musaaslan>

**Address:** Of Teknoloji Fakültesi Yazılım Mühendisliği Bölümü 309 Nolu Oda

### International Researcher IDs

ORCID: 0000-0003-1659-5048

Yoksis Researcher ID: 351513

### Education Information

Postgraduate, Firat University, Faculty Of Technology, Department Of Software Engineering, Turkey 2020 - 2023

Undergraduate, Firat University, Faculty Of Technology, Department Of Software Engineering, Turkey 2011 - 2016

### Foreign Languages

English, B1 Intermediate

### Dissertations

Postgraduate, Derin öğrenme algoritmaları kullanılarak EEG sinyallerinden yalan tespiti, Firat University, Institute of Science, Software Engineering, 2023

### Research Areas

Computer Sciences, Software, Programming Languages, Software Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Of Teknoloji Fakültesi, Yazılım Mühendisliği, 2021 - Continues

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

- I. **LieWaves: dataset for lie detection based on EEG signals and wavelets**  
ASLAN M., Baykara M., Alakus T. B.  
Medical and Biological Engineering and Computing, vol.62, no.5, pp.1571-1588, 2024 (SCI-Expanded)
- II. **Analysis of brain areas in emotion recognition from EEG signals with deep learning methods**  
Aslan M., Baykara M., Alakus T. B.  
MULTIMEDIA TOOLS AND APPLICATIONS, vol.82, pp.1-30, 2023 (SCI-Expanded)
- III. **LSTMNCP: lie detection from EEG signals with novel hybrid deep learning method**

Aslan M., Baykara M., Alakuş T. B.

MULTIMEDIA TOOLS AND APPLICATIONS, vol.82, pp.1-17, 2023 (SCI-Expanded)

### **Supported Projects**

Aslan M., Baykara M., Project Supported by Higher Education Institutions, Analysis of Brain Regions with Deep Learning Methods in Emotion Prediction Studies, 2023 - 2024

Aslan M., Baykara M., Project Supported by Higher Education Institutions, Lie Detection from EEG Signals Using Deep Learning Algorithms, 2022 - 2023

### **Scientific Refereeing**

BIOMEDICAL SIGNAL PROCESSING AND CONTROL, National Scientific Refreed Journal, July 2023

### **Metrics**

Publication: 3