

## Asst. Prof. HAKAN KOYUNCU

### Personal Information

**Email:** hkoyuncu@gelisim.edu.tr

**Web:** <https://avesis.gelisim.edu.tr/hkoyuncu>

### International Researcher IDs

ORCID: 0000-0002-8444-1094

ScopusID: 55655941400

Yoksis Researcher ID: 261629

### Education Information

Doctorate, Loughborough University, Bilgisayar Bilimleri, England 2009 - 2015

Undergraduate, Atilim University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2003 - 2007

### Dissertations

Doctorate, Indoor Localisation by Using Wireless Sensor Nodes, Loughborough University, Bilgisayar Bilimleri, 2015

### Academic Titles / Tasks

Research Assistant, Loughborough University, Faculty Of Science, Computer Science, 2013 - 2015

### Academic and Administrative Experience

Istanbul Gelisim University, 2018 - Continues

Uluslararası Final Üniversitesi, 2016 - Continues

### Courses

EBM511 İleri Yazılım Mühendisliği, Postgraduate, 2020 - 2021

Computer Programming I, Undergraduate, 2020 - 2021

IT560 Software Engineering, Postgraduate, 2020 - 2021

CE450 Bilgisayar Ağları, Undergraduate, 2020 - 2021

BT560 Yazılım Mühendisliği, Postgraduate, 2020 - 2021

Computer Programming II, Undergraduate, 2019 - 2020

Mobil ve Kablosuz Ağlar, Undergraduate, 2018 - 2019, 2017 - 2018

Lisans Bitirme Projesi I, Undergraduate, 2017 - 2018

Bilgisayar Programlamaya Giriş, Undergraduate, 2017 - 2018

Mühendislik Yazılımları, Undergraduate, 2017 - 2018

Yazılım Mühendisliği, Undergraduate, 2017 - 2018

Ağ Teknolojileri, Undergraduate, 2017 - 2018

Computer programming 2, Undergraduate, 2016 - 2017

Computer Programming 1, Undergraduate, 2016 - 2017

## Advising Theses

HAKAN K., A SMART DEVICE POWERED BY DEEP LEARNING TECHNOLOGY TO IDENTIFY ANIMALS BY USING OBJECT DETECTION IN A LIVE VIDEO TO PROVIDE FOOD AND WATER TO SPECIFIC TYPE OF HOMELESS ANIMALS,

Postgraduate, A.MOHSIN(Student), 2023

HAKAN K., Hand gesture recognition for music player system using convolutional neural network, Postgraduate,

A.DIYAA(Student), 2022

HAKAN K., DETECTING DEEPFAKES INSIDE SOCIAL MEDIA, Postgraduate, O.TARIG(Student), 2022

HAKAN K., Detection of plant leaf diseases via deep learning, Postgraduate, Y.NAJI(Student), 2022

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

I. **A new energy efficient multitier deterministic energy-efficient clustering routing protocol for wireless sensor networks**

Koyuncu H., Tomar G. S., Sharma D.

Symmetry, vol.12, no.5, 2020 (SCI-Expanded)

II. **Determination of positioning accuracies by using fingerprint localisation and artificial neural networks**

Koyuncu H.

Thermal Science, vol.23, 2019 (SCI-Expanded)