

## Res. Asst. AYNUR KOÇAK

### Personal Information

**Email:** aynurkocak@gazi.edu.tr

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### International Researcher IDs

ORCID: 0000-0001-9647-7281

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### Education Information

Doctorate, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, Turkey 2021 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2018 - 2021

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2012 - 2017

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Güç Hattında Haberleşme, Gazi University, Fen Bilimleri Enstitüsü, 2021

### Research Areas

Engineering and Technology

### Academic and Administrative Experience

Araştırma Görevlisi Fakülte Temsilcisi, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2024 - Continues

Mezuniyet Sonrası Eğitim Komisyonu Üyesi, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2021 - Continues

Internship Committee Member, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2019 - 2023

### Courses

MİKROİŞLEMCİLER LAB., Undergraduate, 2023 - 2024

ENDÜSTRİYEL HAB. TEK. LAB., Undergraduate, 2023 - 2024

EE-204 DEVRE ANALİZİ LAB-II, Undergraduate, 2022 - 2023

SAYISAL TASARIM LAB., Undergraduate, 2023 - 2024

EE-304 MİKROİŞLEMCİLER LAB., Undergraduate, 2022 - 2023

EE-409 END. HAB. TEK. LAB., Undergraduate, 2022 - 2023

EE-303 SAYISAL TASARIM LAB., Undergraduate, 2022 - 2023

## Articles Published in Other Journals

**I. Detection of Different Windows PE Malware Using Machine Learning Methods**

Koçak A., Söğüt E., Alkan M., Erdem O. A.

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, vol.26, no.3, pp.1185-1197, 2023 (ESCI)

**II. GENERAL OVERVIEW OF AREA NETWORKS AND COMMUNICATION TECHNOLOGIES IN SMART GRID APPLICATIONS**

KOÇAK A., TAPLAMACIOĞLU M. C., GÖZDE H.

International Journal on "Technical and Physical Problems of Engineering" (IJTPE), vol.13, no.46, pp.103-110, 2021 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

**I. Security Review and Performance Analysis of QUIC and TCP Protocols**

ORAN S., KOÇAK A., ALKAN M.

2022 15th International Conference on Information Security and Cryptography (ISCTURKEY), Ankara, Turkey, 19 October 2022, pp.25-30

**II. Detection of Counter-Forensic Incidents Using Security Information and Incident Management (SIEM) Systems**

FANUSCU M. Ç., KOÇAK A., ALKAN M.

2022 15th International Conference on Information Security and Cryptography (ISCTURKEY), Ankara, Turkey, 19 October 2022, pp.74-79

**III. Deepfake Generation, Detection and Datasets: a Rapid-review**

Koçak A., Alkan M.

2022 15th International Conference on Information Security and Cryptography (ISCTURKEY), Ankara, Turkey, 19 October 2022, pp.86-91

## Metrics

Publication: 5

Citation (Scopus): 10

H-Index (Scopus): 1

## Non Academic Experience

Presidency, Dijital Dönüşüm Ofisi, Dijital Dönüşüm Ofisi