

Res. Asst. EMRE AYDOĞAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-5717-2018

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Education

Doctorate, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2014 - Continues

Postgraduate, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2011 - 2014

Undergraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2006 - 2011

Dissertations

Postgraduate, Genetik programlama kullanılarak mobil zararlı yazılımların otomatik olarak üretilmesi / Automatic generation of mobile malwares using genetic programming, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014

Research Areas

Computer Sciences, Information Security and Reliability, Information System Reliability, Computer Networks, Communications and Network Protocols, Artificial Intelligence, Computer Learning and Pattern Recognition, Evolutionary Computing, Engineering and Technology

Academic Positions

Research Assistant, Akdeniz University, Faculty of Engineering, Department of Computer Engineering, 2018 - Continues

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2015 - 2017

Journal articles indexed in SCI, SSCI, and AHCI

I. A Transfer Learning Approach for Securing Resource-Constrained IoT Devices

Yilmaz S., Aydogan E., Sen S.

IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY, vol.16, pp.4405-4418, 2021 (SCI-Expanded)

II. Coevolution of Mobile Malware and Anti-Malware

Sen S., Aydogan E., Aysan A. I.

IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY, vol.13, no.10, pp.2563-2574, 2018 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **A Central Intrusion Detection System for RPL-Based Industrial Internet of Things**
Aydogan E., YILMAZ S., Sen S., Butun I., Forsstrom S., Gidlund M.
15th IEEE International Workshop on Factory Communication Systems, WFCS 2019, Sundsvall, Sweden, 27 - 29 May 2019, vol.2019-May, (Full Text)
- II. **Automatic generation of mobile malwares using genetic programming**
Aydogan E., Sen S.
18th European Conference on the Applications of Evolutionary Computation, EvoApplications 2015, Copenhagen, Denmark, 8 - 10 April 2015, vol.9028, pp.745-756
- III. **ANALYSIS OF MACHINE LEARNING METHODS ON MALWARE DETECTION**
Aydogan E., Sen S.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2066-2069
- IV. **2 opt based artificial bee colony algorithm for solving traveling salesman problem**
AKAY B., AYDOĞAN E., KARACAN L.
WCIT 2011, Antalya, Turkey, 23 - 27 September 2011

Funded Projects

Aydođan E., Yılmaz S., Ően Akagündüz S., Project Supported by Public Organizations in Other Countries, Detecting Intrusions in Industrial Internet of Things, 2018 - 2019

Ően Akagündüz S., TUBITAK Project, Bu uygulamayı güncellemek ister misiniz Kendisini güncelleyen mobil zararlı yazılımların analizi ve tespiti, 2015 - 2019

Ően Akagündüz S., TUBITAK Project, Kötücül Yazılımların ve Anti Kötücül Yazılım Sistemlerinin EŐ Evrimi, 2013 - 2015

Metrics

Publication: 6

Citation (WoS): 21

Citation (Scopus): 63

H-Index (WoS): 1

H-Index (Scopus): 3

Scholarships

2228-A Son Sınıf Lisans Öğrencileri için Lisansüstü (Yüksek Lisans/Doktora) Burs Programı, TUBITAK, 2011 - Continues