

Dr. Öğr. Üyesi FADİ YILMAZ

Kişisel Bilgiler

İş Telefonu: [+90 312 906 2000](tel:+903129062000) Dahili: 2213

E-posta: fadiyilmaz@aybu.edu.tr

Web: <https://avesis.aybu.edu.tr/fadiyilmaz>

Uluslararası Araştırmacı ID'leri

ScholarID: [wjfbQbAAAAAJ](https://scholar.google.com/citations?user=wjfbQbAAAAAJ)

ORCID: [0000-0002-3591-3606](https://orcid.org/0000-0002-3591-3606)

ScopusID: [38362618100](https://scopus.com/authid/detail.url?authorID=38362618100)

Yoksis Araştırmacı ID: [328706](https://yoksis.aybu.edu.tr/yoksis/328706)

Biyografi

Dr. Fadi Yılmaz is an Assistant Professor in the Department of Computer Engineering at Ankara Yıldırım Beyazıt University. His research interests span language-based and systems security, exploit generation, and their application to web, mobile, and Internet-of-Things security. He received her Bachelor's in Computer Science from TOBB Economy and Technology University in 2009. His graduate education was sponsored by the Turkish government and he received his Master's in Computer Science from Florida State University in 2014. His Ph.D. in Software and Information systems from the University of North Carolina at Charlotte in 2020, concentrated on software security. Specific areas of interest: program analysis and verification, in-lined reference monitoring (binary instrumentation), security policies, language-based solutions for web, mobile security, and IoT security.

Eğitim Bilgileri

Doktora, The University of North Carolina at Charlotte, Amerika Birleşik Devletleri 2014 - 2020

Lisans, Tobb Ekonomi Ve Teknoloji Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Türkiye 2004 - 2010

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, A language-based approach for securing actionscript/flash vulnerabilities, The University of North Carolina at Charlotte, 2020

Yüksek Lisans, GitHub Developer Profiler Based on Latent Dirichlet Allocation, Florida State University, 2014

Araştırma Alanları

Bilgi Gizleme, Bilgi Sistemi Güvenilirliği, Kriptoloji, Yazılım Güvenliği

Akademik Unvanlar / Görevler

Öğretim Görevlisi, Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Bilgisayar Mühendisliği,
2020 - 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A fine-grained classification and security analysis of web-based virtual machine vulnerabilities**
Yilmaz F., Sridhar M., Mohanty A., Tendulkar V., Hamlen K. W.
Computers and Security, cilt.105, 2021 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Image indexing with caterpillar decomposition Tirtil ayrışması ile imge indeksleme**
YILMAZ F., Fatih Demirci M.
2011 IEEE 19th Signal Processing and Communications Applications Conference, SIU 2011, ss.58-61, 2011
(Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Experimental Analysis & Refinement of a Guided Exploit Generation Technique for Language Virtual Machines**
Yilmaz F., Sridhar M., Choi W.
Learning from Authoritative Security Experiment Results, Texas, Amerika Birleşik Devletleri, 08 Aralık 2020, ss.1-12
- II. **Guide Me to Exploit: Assisted ROP Exploit Generation for ActionScript Virtual Machine**
YILMAZ F., Sridhar M., Choi W.
36th Annual Computer Security Applications Conference, ACSAC 2020, Virtual, Online, Amerika Birleşik Devletleri, 7 - 11 Aralık 2020, ss.386-400
- III. **Control-hijacking Vulnerabilities in IoT Firmware: A Brief Survey**
Mohanty A., Obaidat I., Yilmaz F., Sridhar M.
The 1st International Workshop on Security and Privacy for the Internet-of-Things, Florida, Amerika Birleşik Devletleri, 17 - 20 Nisan 2020, ss.1-4
- IV. **A survey of in-lined reference monitors: Policies, applications and challenges**
YILMAZ F., Sridhar M.
16th ACS/IEEE International Conference on Computer Systems and Applications, AICCSA 2019, Abu Dhabi, Birleşik Arap Emirlikleri, 3 - 07 Kasım 2019, cilt.2019-November
- V. **Inscription: Thwarting ActionScript Web Attacks from Within**
Sridhar M., Mohanty A., YILMAZ F., Tendulkar V., Hamlen K. W.
17th IEEE International Conference on Trust, Security and Privacy in Computing and Communications and 12th IEEE International Conference on Big Data Science and Engineering, Trustcom/BigDataSE 2018, New York, Amerika Birleşik Devletleri, 31 Temmuz - 03 Ağustos 2018, ss.504-515
- VI. **In A Flash: An In-lined Monitoring Approach to Flash App Security**
Sridhar M., Mohanty A., Tendulkar V., YILMAZ F., Hamlen K. W.
Workshop on Foundations of Computer Security, 27 Haziran 2016
- VII. **Image indexing with caterpillar decomposition**
YILMAZ F., DEMİRCİ M. F.
2011 IEEE 19th Signal Processing and Communications Applications Conference, 20 Nisan 2011
- VIII. **Indexing tree structures through caterpillar decomposition**
YILMAZ F., Demirci M. F.

17th Scandinavian Conference on Image Analysis, SCIA 2011, Ystad, İsveç, 23 - 27 Mayıs 2011, cilt.6688 LNCS, ss.687-696

Metrikler

Yayın: 10

Atf (Scopus): 7

H-İndeks (Scopus): 2