

Asst. Prof. OĞUZHAN TAŞ

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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-1191-2018

Biography

Oğuzhan TAŞ received his PhD degree in Computer Engineering from the Istanbul Sabahattin Zaim University in 2022, master's degree in Computer Engineering from the Fırat University and bachelor's degree in Computer Science from Fırat University. His research interests are in cryptography, machine learning, network security, IoT security and Blockchain. For over 20 years, he has developed and maintained business software solutions and web applications that can be used many colleges, universities and companies. He has been teaching courses on Introduction to Programming with C/C++, C# and Python, Database Management Systems, Unix/Linux Programming, Software Engineering, Advanced Internet Applications, Web Programming & Design, Visual Programming since 2000. Furthermore, in past, he developed many software projects with Matlab, Qbasic, Visual Basic, Fortran, Dbase, Delphi programming languages. In addition, he has official Oracle OCA Database Management Certificate and Blockchain IBM Hyper Ledger certificate. His web address is <http://www.oguzhantas.com>

Education Information

Doctorate, Istanbul Sabahattin Zaim University, Faculty Of Engineering And Natural Sciences, Department Of Computer Engineering, Turkey 2016 - 2022

Postgraduate, Fırat University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2000 - 2002

Undergraduate, Fırat University, Faculty Of Technical Education, Department Of Computer Education, Turkey 1995 - 1999

Research Areas

Information Security and Reliability, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES, MANAGEMENT INFORMATION SYSTEMS, 2023 - Continues

Assistant Professor, Beykent University, Faculty Of Economics And Administrative Sciences, Department Of Management Information Systems, 2022 - 2023

Lecturer, Beykent University, Vocational School, Department Of Computer Technologies, 2021 - 2022

Lecturer, Istinye University, Vocational School, Department Of Computer Technologies, 2019 - 2021

Courses

ADVANCED MACHINE LEARNING, Postgraduate, 2023 - 2024
Visual Programming, Undergraduate, 2023 - 2024
GENETİK ALGORİTMALAR VE EN İYİLEME YÖNTEMLERİ, Postgraduate, 2023 - 2024
Nesne Yönelimli Programlama (Object Oriented Programming), Undergraduate, 2023 - 2024
Veri Madenciliği (Data Mining), Undergraduate, 2023 - 2024
Data and Text Mining, Undergraduate, 2022 - 2023
System Analysis and Algorithms, Undergraduate, 2022 - 2023
Visual Programming, Undergraduate, 2022 - 2023
Object Oriented Programming with Java, Associate Degree, 2021 - 2022
Web Programming II, Associate Degree, 2020 - 2021
Object Oriented Programming with Java, Associate Degree, 2021 - 2022
Unix Programming II, Associate Degree, 2019 - 2020
Object Oriented Programming with C++, Associate Degree, 2020 - 2021
Database Systems I, Associate Degree, 2020 - 2021
Database Management Systems, Undergraduate, 2020 - 2021
Web Programming I, Associate Degree, 2020 - 2021
Unix Programming I, Associate Degree, 2019 - 2020

Articles Published in Other Journals

- I. **Detection and Prevention of Attacks on the Internet of Things (IoT) and Wireless Sensor Networks**
Taş O., Kıanı F.
Politeknik Dergisi, vol.24, no.1, pp.219-235, 2021 (ESCI)
- II. **A Survey of Attacks on Blockchain Technology**
Taş O., Kıanı F.
Bilişim Teknolojileri Dergisi, vol.11, no.4, pp.369-382, 2018 (Peer-Reviewed Journal)
- III. **A New Approach to Stream Cipher: Unsystematic Cipher**
Taş O., Alataş B., Akın E.
Electrica, vol.4, no.1, pp.1057-1062, 2004 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Machine Learning based Intrusion Detection System using Grey Wolf Optimization for Feature Selection**
Taş O., Yahyaoui A.
Springer CMES 2022, Giresun, Turkey, 21 - 23 May 2022, pp.93-102
- II. **İnternet Üzerinden Güvenli Sohbet için Secure-Chat**
Tas O., Alagöz F.
Havacılıkta İleri Teknolojiler ve Uygulamalar Sempozyumu HITEK 2004, İstanbul, Turkey, 01 December 2004, pp.105-111
- III. **Akış Şifreleme Tekniğine Yeni Bir Yaklaşım: Düzensiz Şifreleme**
Tas O., Alataş B., Akın E.
ELECO, Elektrik-Elektronik-Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 18 December 2002, pp.205-209
- IV. **Elektronik Posta Güvenliği için Yeni Bir Anahtar Dağıtım Protokolü**

Tas O., Akın E.

Proceedings of the Fourth GAP Engineering Congress, Şanlıurfa, Turkey, 06 June 2002, pp.201-206

Activities in Scientific Journals

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, Evaluation Committee Member, 2023 - Continues

Bilgisayar Bilimleri ve Mühendisliği Dergisi, Evaluation Committee Member, 2023 - Continues

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, Evaluation Committee Member, 2022 - Continues

Scientific Refereeing

32. IEEE Sinyal İşleme ve İletişim Uygulamaları Konferansı, Conference Paper (Full Text), May 2024

IEEE 4th International Informatics and Software Engineering, Conference Paper (Full Text), May 2023

ASYU-INISTA Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı, Conference Paper (Full Text), May 2021