Yunus Serhat Bıçakçı, Ph.D.

Data Science Researcher

+90 216 7774525
Istanbul, Turkey
yunusserhat@gmail.com

Website: yunusserhat.com
github.com/yunusserhat
linkedin.com/in/yunusserhat

I am an Assistant Professor at the Vocational School of Social Sciences at Marmara University. After January 2023, however, I will research criminology, big data, machine learning, natural language processing (NLP), and spatial-temporal prediction as a Postdoctoral Researcher at the Jill Dando Institute of Security and Crime Science at the University College London.

Most of my interests are in data science, big data, AI, information systems, criminology, geospatial and football. My overall research goal is to be able to solve challenging real-world problems by using machine learning, data science, and other types of analytics and visualization tools such as Python, R, and SQL.

EDUCATION

Ph.D. in Applied Informatics (Geographical Information Technologies Program), *Istanbul Technical University*	07 2021
M.Sc. in Information Systems (Management Information Systems Program), *Sakarya University*	07 2013
B.A. in Business Administration, *Anadolu University*	07 2011

SHORT-TERM STUDY / CERTIFICATIONS

Google Machine Learning Bootcamp Turkey – Study time: 4 months – Google Developers	Certificate	Present
Data Science and Machine Learning Bootcamp – Study time: 4.5 months – miuul.com	Certificate	2022
Academic English – Study time: 7 months – The Language Gallery, London UK	2014

SKILLS

Programming Languages	Python, R, SQL
Soft Skills	Leadership, Supporting, Communication, Problem-Solving, Time Management, Creativity
Tools and Other	GIS, AI/ML Frameworks, AWS, GCP, Docker, Kubernetes, Microservices, Git, Project Management

EXPERIENCE

Assistant Professor / Vocational School of Social Sciences, Marmara University – Istanbul, Turkey   **2022 — Present**
- Create lesson plans that cover the foundations of technology, guide students through activities that allow them to apply technological solutions to prepare work-life, hold office hours for students to answer questions and provide support.
- Teaching – – ILT2005: Media Literacy, BSP1005: Information and Communication Technology, ILT2006: Management Information Systems, BYS2034: Time Management, BSP2007–BSP1060: Office Programs

Research Assistant / Vocational School of Social Sciences, Marmara University – Istanbul, Turkey   **2013 — 2022**
- Responsible for research related to my research interests, also leading group lessons, grading coursework, setting up student projects and aiding in the supervision of the students.

Clerk / Cyber Crime Bureau, Ministry of Justice – Bursa, Turkey   **2011 — 2013**
- Under the supervision of the Prosecutor, performed general clerical functions in support of the Bursa Provincial Prosecutor Office.

PUBLICATIONS

Artificial Intelligence Applications in Tourism and Travel Offices *(in progress)* Yunus Serhat Bıçakçı, Bora Aksu *Digital Transformation Dynamics in Tourism*, Beta Publishing.   2022

Location-Based Analyses for Electronic Monitoring of Parolees, Yunus Serhat Bıçakçı, Dursun Zafer Seker, Hande Demirel. *ISPRS International Journal of Geo-Information, 9(5), 296*.   2020

The Relationship between Sport-Oriented Attitude and The Satisfaction with Life: The Study of Marmara University Vocational School of Social Sciences Students, Cağdaş Caz, Yunus Serhat Bıçakçı, Fatma Firuzan Nakipoglu. *Gümüşhane Üniversitesi Sosyal Bilimler Enstitüsü Elektronik Dergisi, 10(3), 484–491*.   2019

Spatio-temporal analyses to estimate speed information for transport forecasting and scenario testing, Yunus Serhat Bıçakçı, Beytullah Sarıca, Mete Ercan Pakdil, Batuhan Yazırlı, Hande Demirel. *Fresenius Environmental Bulletin, 26(1)*.   2017

OTHER SKILLS

Sports
- Football – **C Licence**–Coaching [Manager of University Team]
- Football – **The FA Level 7–Referee** [100+ Official Referee])
- Taekwon-do – 2nd Dan Black Belt

University Service
- Editorial Board (The Social Research Journal of Marmara University)
- Journal Referee (International Humanities and Social Science Review)
- Administration (Member of Board of Department, Academic Process Manager of Department)