

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

# Yunus Serhat Bıçakçı, Ph.D.

Data Science Researcher

Website: [yunusserhat.com](http://yunusserhat.com)  
[github.com/yunusserhat](https://github.com/yunusserhat)  
[linkedin.com/in/yunusserhat](https://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, and geospatial. 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

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

## SHORT-TERM STUDY / CERTIFICATIONS

<b>Google Machine Learning Bootcamp Turkey</b> – Study time: 4 months – Google Developers   <a href="#">Certificate</a>	Present
<b>Data Science and Machine Learning Bootcamp</b> – Study time: 4.5 months – miuul.com   <a href="#">Certificate</a>	2022
<b>Academic English</b> – Study time: 7 months – The Language Gallery, London UK	2014

## SKILLS

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

## EXPERIENCE

<b>Assistant Professor / Vocational School of Social Sciences, Marmara University – Istanbul, Turkey</b>	<b>2022 — Present</b>
<ul style="list-style-type: none"><li>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.</li><li>Teaching – – ILT2005: Media Literacy, BSP1005: Information and Communication Technology, ILT2006: Management Information Systems, BYS2034: Time Management, BSP2007–BSP1060: Office Programs</li></ul>	
<b>Research Assistant / Vocational School of Social Sciences, Marmara University – Istanbul, Turkey</b>	<b>2013 — 2022</b>
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>Clerk / Cyber Crime Bureau, Ministry of Justice – Bursa, Turkey</b>	<b>2011 — 2013</b>
<ul style="list-style-type: none"><li>Under the supervision of the Prosecutor, performed general clerical functions in support of the Bursa Provincial Prosecutor Office.</li></ul>	

## PUBLICATIONS

<b>Artificial Intelligence Applications in Tourism and Travel Offices</b> ( <i>in progress</i> ) Yunus Serhat Bıçakçı, Bora Aksu <i>Digital Transformation Dynamics in Tourism</i> , Beta Publishing.	2022
<b>Location-Based Analyses for Electronic Monitoring of Parolees</b> , Yunus Serhat Bıçakçı, Dursun Zafer Seker, Hande Demirel. <i>ISPRS International Journal of Geo-Information</i> , 9(5), 296.	2020
<b>The Relationship between Sport-Oriented Attitude and The Satisfaction with Life: The Study of Marmara University Vocational School of Social Sciences Students</b> , Çağdaş Caz, Yunus Serhat Bıçakçı, Fatma Firuzan Nakipoglu. <i>Gümüşhane Üniversitesi Sosyal Bilimler Enstitüsü Elektronik Dergisi</i> , 10(3), 484–491.	2019
<b>Spatio-temporal analyses to estimate speed information for transport forecasting and scenario testing</b> , Yunus Serhat Bıçakçı, Beytullah Sarica, Mete Ercan Pakdil, Batuhan Yazırlı, Hande Demirel. <i>Fresenius Environmental Bulletin</i> , 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)