

# Yunus Serhat Bıçakçı

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Marmara Üniversitesi Mehmet Genç Külliyesi 2. Blok 2004, 34865, Istanbul, Turkey

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## Research interests

Big data, Data mining, Information systems, Football, Criminology

## Positions

Expected start 2022 – 2023	<b>Visiting Postdoctoral Researcher</b> Jill Dando Institute of Security and Crime Science, University College London London, UK
2021 – Present	<b>Lecturer</b> Vocational School of Social Sciences, Marmara University – Istanbul, Turkey <i>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.</i>
2013 – 2021	<b>Research Assistant</b> Vocational School of Social Sciences, Marmara University – Istanbul, Turkey <i>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.</i>
2011 – 2013	<b>Clerk</b> Cyber Crime Bureau, Ministry of Justice – Bursa, Turkey <i>Under the supervision of the Prosecutor, performed general clerical functions in support of the Bursa Provincial Prosecutor's Office.</i>

## Education

2014 – 2021	<b>Istanbul Technical University</b> – Istanbul, Turkey PhD in Applied Informatics Geographical Information Technologies Program Mentor: Prof. Dr. Dursun Zafer Şeker
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- 2013 – 2014 **London School of Business and Finance** – London, UK  
The Language Gallery  
Academic English – IELTS Preparation
- 2011 – 2013 **Sakarya University** – Sakarya, Turkey  
MSc in Informations Systems  
Management Information Systems Program  
Mentor: Prof. Dr. Orhan Torkul
- 2007 – 2011 **Anadolu University** – Eskişehir, Turkey  
BA in Business Administration  
Business Administration Program

## Book Chapter

- 2022 **Data Science in Football** (*in progress*)  
Yunus Serhat Bıçakçı  
*Current Debates in Sport Sciences.*
- 2022 **Artificial Intelligence Applications in tourism** (*in progress*)  
Yunus Serhat Bıçakçı, Bora Aksu  
*Digital Transformation Dynamics in Tourism.*

## Publications

- 2020 **Location-Based Analyses for Electronic Monitoring of Parolees** ([link](#))  
Yunus Serhat Bıçakçı, Dursun Zafer Seker, Hande Demirel.  
*ISPRS International Journal of Geo-Information*, 9(5), 296.
- 2019 **Spora Yönelik Tutum İle Yaşam Doyumu Arasındaki İlişki: Marmara Üniversitesi Sosyal Bilimler Meslek Yüksekokulu Öğrencileri Örneği /in Turkish** ([link](#))  
Cağdaş Caz, Yunus Serhat Bıçakçı, Fatma Firuzan Nakipoglu.  
*Gümüşhane Üniversitesi Sosyal Bilimler Enstitüsü Elektronik Dergisi*, 10(3), 484–491.
- 2017 **Spatio-temporal analyses to estimate speed information for transport forecasting and scenario testing** ([link](#))  
Yunus Serhat Bıçakçı, Beytullah Sarıca, Mete Ercan Pakdil, Batuhan Yazırlı, Hande Demirel.  
*Fresenius Environmental Bulletin*, 26(1).

## Presentations

- 2017 **Büro Yönetimi ve Yönetici Asistanlığı Öğrencilerinin Beklentilerinin Belirlenmesi /in Turkish**  
Yunus Serhat Bıçakçı, Fatma Firuzan Nakipoğlu.  
*VI. Uluslararası Meslek Yüksekokulları Sempozyumu.*
- 2015 **Elektronik İzleme Teknolojisi ve Türkiye’de Uygulanması /in Turkish**  
Yunus Serhat Bıçakçı, Dursun Zafer Şeker.  
*Türkiye’de Denetimli Serbestlik 10. Yıl Uluslararası Yaklaşımlar Sempozyumu.*

## Teaching experience

- Fall 2018 to 2021 Teaching, BSP2007: Office Programs (Marmara University)  
Teaching, ILT2005: Media Literacy (Marmara University)
- Spring 2018 to 2022 Teaching, BSP1005: Information and Communication Technology (Marmara University)  
Teaching, ILT2006: Management Information Systems (Marmara University)  
Teaching, BSP1060: Office Programs (Marmara University)  
Teaching, BYS2034: Time Management (Marmara University)

## Doctoral Dissertation

- 2021 "Spatio-Temporal Analysis of Applied Electronic Monitoring on Parolees of Mobility: A Case Study in Istanbul" Department of Applied Informatics, Istanbul Technical University

## University Service

- 2022 – Present **Editorial Board**  
The Social Research Journal of Marmara University
- 2021 – 2022 **Journal Referee**  
International Humanities and Social Science Review

2013 – Present     **Marmara University Vocational School of Social Sciences**  
Member of Board, Department of Secretary and Office Management  
Academic Process Manager, Department of Secretary and Office Management  
Web Coordinator, Vocational School of Social Sciences  
Manager, Vocational School of Social Sciences Football Team (2014 – 2018)

## External Service

2013 – 2018     **Referee**  
Turkish Football Federation (Istanbul, Turkey) (2015-2018)  
London FA – The FA (London, UK) (2013-2014)

## Technical skills

**Programming Languages:** R, Python

**Big Data – Machine Learning:** Python, R (eg. Scikit-Learn, Numpy, Pandas, Matplotlib, Caret, dplyr, GGplot2)

**Data Science – Miscellaneous Technologies:** Statistics, A/B testing, Dynamic Pricing, Sorting–Scoring, Time Series, GeoVisualisation, NLP, Spatial-Temporal, GIT, AWS, SQL, MSSQL, PostgreSQL, SPSS, QGIS, ArcGIS, Office Programs

## Other skills

### Sports

Football (UEFA C Licence–Coaching, The FA Level 7–Referee)

Taekwon-do (2nd Dan Black Belt–Coaching)

Kick-Box (1st Dan Black Belt)

### Languages

Turkish (native), English (advanced)