

# Yunus Serhat Bıçakçı

yunus.serhat@marmara.edu.tr • yunusserhat.com

github.com/yunusserhat • twitter/yunusserhat • linkedin/yunusserhat

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

+902167774521 • Citizenship: Turkish

## Research interests

Big data, Data mining, Information systems, Criminology

## Education

2014 – 2021 **Istanbul Technical University** – Istanbul, Turkey  
PhD in Applied Informatics  
Geographical Information Technologies Program  
Mentors: Prof. Dr. Dursun Zafer Şeker  
*Cumulative GPA: 3.71/4.0*

2011 – 2013 **Sakarya University** – Sakarya, Turkey  
MSc in Informations Systems  
Management Information Systems Program  
Mentors: Prof. Dr. Orhan Torkul  
*Cumulative GPA: : 3.33/4.0*

2007 – 2011 **Anadolu University** – Eskişehir, Turkey  
BA in Business Administration  
Business Administration Program  
*Cumulative GPA: 2.78/4.0*

## Positions

Expected start **Visiting Postdoctoral Researcher**  
2022 – 2023 Jill Dando Institute of Security and Crime Science, University College London  
London, UK

2013 – Present **Research Assistant**  
Vocational School of Social Sciences, Marmara University – Istanbul, Turkey  
*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..*

2011 – 2013

### **Clerk**

Cyber Crime Bureau, Ministry of Justice – Bursa, Turkey

*Under the supervision of the Prosecutor, performed general clerical functions in support of the Bursa Provincial Prosecutor's Office.*

### **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 Nakipoğlu.  
*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 2020 Teaching, BSP1005: Information and Communication Technology (Marmara University)  
Teaching, ILT2006: Management Information Systems (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

## Internal service

2013 – Present **Vocational School of Social Sciences**  
Member of Board, Department of Secretary and Office Management (2013–Present)  
Coordinator, Vocational School of Social Sciences Web Services (2013–2021)  
Sports Manager, Vocational School of Social Sciences Teams (2014–2018)  
Academic Process Manager, Department of Secretary and Office Management (2021–Present)

## External service

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

## Technical skills

**Programming Languages:** R, Python, Java

**Big Data – Machine Learning:** Spark, Hadoop, Python (eg. scikit-learn, numpy, pandas, matplotlib)

**Data Science – Miscellaneous Technologies:** Statistics, A/B testing, Dynamic Pricing, Sorting–Scoring, Time Series, GeoVisualisation, NLP, Spatial-Temporal, Google Cloud, AWS, Git, SQL, MSSQL, SPSS

**Software:**  $\text{\LaTeX}$ , QGIS, ArcGIS, Office Programs

### Languages

Turkish (native), English (advanced)