

Yunus Serhat Bıçakçı

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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

2021 – Present **Lecturer / Dr. Research Assistant**

Vocational School of Social Sciences, Marmara University – Istanbul, Turkey

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.

- 2013 – 2021 **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

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, Git, SQL, MSSQL, SPSS

Software: L^AT_EX, 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)