Can Hakan DAĞIDIR

Mathematics - Data Science

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EDUCATION

Boğazici University   **Sept 2019 — Aug 2022**
M.Sc. in Mathematics
GPA: 3.75/4
Relevant Coursework: Probability Theory, Statistical Learning, Artificial Intelligence

Koç University   **Sept 2014 — Aug 2019**
B.Sc. in Mathematics
Full Scholarship and TÜBİTAK BİDEB-2205 Scholarship

RELEVANT SKILLS

Tools & Programming Languages	R, Python, C++, Git, Latex
Concepts	Time Series, Spatio-temporality, Outlier/Anomaly Detection, Big Data, Data Mining, Trajectory Similarity, Dimension Reduction, Feature Selection, Data Visualization

EXPERIENCE

Research Fellow   **Nov 2021 — Sept 2022**
Boğazici University - Scientific Research Projects (BAP) - Traffic Studies

- Compared different time series forecast methods using traffic flow data of California and Istanbul.
- Studied point and quantile forecast combination methods.
- Researched quantile regression based models.

Research Fellow   **Nov 2021 — Sept 2022**
Boğazici University - Scientific Research Projects (BAP) - Football Analytics

- Analysed team similarities and attack styles using variety of methods with real events data from football matches.
- Developed a visual tool for in depth attack analysis.

Undergraduate Research Assistant   **Jun 2016 — Jul 2017**
Koç University - Optical Microsystems Laboratory

- Developed a virtual reality game as an undergraduate student that can be played with in-lab designed and built circuit board.
- Coauthered two papers:

  - Kazempourradi, S., et al. "Wireless Controller for Interactive Virtual Reality Games." 2017 3DTV Conference: The True Vision - Capture, Transmission and Display of 3D Video (3DTV-CON), IEEE, June 2017. doi:10.1109/3dtv.2017.8280397.
  - Kazempourradi, S., et al. "Development of a tiny, low-cost and wireless motion sensor for interacting with virtual reality games," Egocentric Perception, Interaction and Computing Workshop (EPIC), European Conference on Computer Vision (ECCV), vol. 1, pp. 12–13, Amsterdam, Netherlands 2016.

SIDE ACTIVITIES AND ACHIEVEMENTS

- First Place in **Hack Boğaziçi** Hackathon   **2022**
- Debate Club Member   **2015 — 2018**
    Finals Jury in 2016 International Open Debate Tournament at Helsinki
- Newspaper article scraping program for my grandfather
- Football prediction model that almost beats the odds
- Day trading bot for an MMORPG game that profits
- Licensed Athlete of Koc University Rams American Football Team   **2014 — 2015**