İbrahim Bahadır Altun

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EDUCATION

University at Buffalo	2025 **M.S.**, Computer Science
	Thesis: Stochastic Event Prediction in Social Networks
TOBB University	2023 **B.S.**, Computer Science

RESEARCH EXPERIENCE

My research combines temporal network analysis with statistical modeling and computational social science to study the evolution of complex systems.

University at Buffalo Computer Science Department (Buffalo, NY, USA)	8/2023 – now	**Graduate Research Assistant** Supervisor: Dr. A. Erdem Sarıyüce
TOBB University Computer Science Department (Ankara, Türkiye)	3/2019 – 5/2023	**Undergraduate Research Assistant** Supervisor: Dr. Mücahid Kutlu

TEACHING EXPERIENCE

University at Buffalo Computer Science Department (Buffalo, NY, USA)	8/2023 – now	**Graduate Teaching Assistant** Algorithm Analysis and Design Algorithms for Modern Computing Systems Introduction to Machine Learning Supervisors: Dr. Kelin Luo, Dr. Russ Miller, and Dr. Alina Vereshchaka
TÜBİTAK National Olympiad Camps (Ankara, Türkiye)	9/2018 – 4/2021	**Instructor** Advanced Algorithms and Data Structures Supervisor: Dr. Tolga Can

INDUSTRY EXPERIENCE

Toolio Merchandise Planning Team (New York, NY, USA)	4/2020 – 5/2023	**Software Engineer (Remote)**
Amazon Web Services AWS Billing Department (Berlin, Germany)	7/2021 – 12/2021	**Software Development Engineer Intern**

PUBLICATIONS AND PAPERS

Papers with future venues are accepted to appear in them.

- Temporal motifs for financial networks: A study on Mercari, JPMC, and Venmo platforms. Liu, Penghang, Bahadir Altun, Rupam Acharyya, Robert E. Tillman, Shunya Kimura, Naoki Masuda, and Ahmet Erdem Sarıyüce. In *IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining* (**ASONAM**), 2025.

- GenTREC: The First Test Collection Generated by Large Language Models for Evaluating Information Retrieval Systems. Türkmen, Mehmet Deniz, Mucahid Kutlu, Bahadir Altun, and Gokalp Cosgun. *arXiv preprint*, 2025.

- Fight Against Misinformation on Social Media: Detecting Attention-Worthy and Harmful Tweets and Verifiable and Check-Worthy Claims. Eyuboglu, Ahmet Bahadir, Bahadir Altun, Mustafa Bora Arslan, Ekrem Sonmezer, and Mucahid Kutlu. In *International Conference of the Cross-Language Evaluation Forum for European Languages*, 2023.

- Catch Me If You Can: Deceiving Stance Detection and Geotagging Models to Protect Privacy of Individuals on Twitter. Dogan, Dilara, Bahadir Altun, Muhammed Said Zengin, Mucahid Kutlu, and Tamer Elsayed. In *Proceedings of the International AAAI Conference on Web and Social Media* (**ICWSM**), 2023.

- Building test collections using bandit techniques: a reproducibility study. Altun, Bahadir, and Mucahid Kutlu. In *Proceedings of the 29th ACM International Conference on Information & Knowledge Management* (**CIKM**), 2020.

- TOBB-ETU at CLEF 2019: Prioritizing claims based on check-worthiness. Altun, Bahadır, and Mücahid Kutlu. In *CEUR Workshop Proceedings*, 2019.

AWARDS AND FELLOWSHIPS

Scholarships and Fellowships

- Undergraduate Scholarship Program, National Science Olympiads, Scientific and Technological Research Council of Türkiye (TÜBİTAK), 2018–2023.

- Undergraduate Science Olympiads Full Scholarship and Monthly Stipend, TOBB University of Economics and Technology, 2018–2023.

Travel Grants

- Student Travel Grant, International AAAI Conference on Web and Social Media (ICWSM), 2023.

- Student Travel Grant, ACM Special Interest Group on Information Retrieval (SIGIR), 2020.

ACM International Collegiate Programming Contest (ICPC)

- Honorable Mention, Southeastern Europe Regional Contest, 2020.

- 3$^{\text{rd}}$ place (56 teams) in Turkish Programming Contest (TPC), 2019.

YSK International Olympiads in Informatics

- Competed among national teams from Southern Europe and West Asia.

- Silver medal in the main olympiad, 2017.

- 3$^{\text{rd}}$ place in national selection contest, 2016.

Turkish National Olympiads in Informatics

- 4$^{\text{th}}$ place in Winter Camp Final, 2017.

- Silver medal in the main olympiad, 2016.

- 2$^{\text{nd}}$ place in Summer Camp Final, 2016.

Other Programming Competitions

- 1$^{\text{st}}$ place (200+ teams), Istanbul Technical University algoComp Qualifier, 2021.

- 5$^{\text{th}}$ place (200+ teams), Hacettepe University HUPROG Finals, 2021.

- 1$^{\text{st}}$ place (100+ teams), CodeFest Türkiye, 2016 and 2018.

- 5$^{\text{th}}$ place (100+ teams), CodeFest Türkiye, 2017.

SERVICE

- Web Co-Chair of the International AAAI Conference on Web and Social Media (ICWSM), 2024.

- TÜBİTAK National Olympiads in Informatics: Problem Setter and Exam Invigilator, 2018–2021.