

İbrahim Bahadır Altun

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EDUCATION

University at Buffalo	2025 M.S., Computer Science
TOBB University of Economics and Technology	2023 B.S., Computer Science

RESEARCH EXPERIENCE

My research areas are temporal link prediction, graph neural networks, stochastic processes, and social networks.

University at Buffalo Computer Science Department (Buffalo, NY, USA)	8/2023 – now	Graduate Research Assistant Supervisor: Dr. A. Erdem Sarıyüce
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TOBB University Computer Science Department (Ankara, Türkiye)	3/2019 – 5/2023	Undergraduate Research Assistant Supervisor: Dr. Mücahid Kutlu
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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
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TÜBİTAK National Olympiad Camps (Ankara, Türkiye)	9/2018 – 4/2021	Instructor Advanced Algorithms and Data Structures Supervisor: Dr. Tolga Can
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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, Bahadır 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, Bahadır 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 Bahadır, Bahadır 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, Bahadır 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, Bahadır, 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 Mucahid 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 in Southeastern Europe (**SEERC**), 2020.
- 3rd place in Turkish Programming Contest (**TPC**), 2019.

YSK International Olympiads in Informatics

- Silver Medal, YSK International Olympiad in Informatics, 2017.
- 3rd place in national selection contest, 2016.

Turkish National Olympiads in Informatics

- 4th place in Winter Camp Final, 2017.
- Silver Medal in the main olympiad, 2016.
- 2nd place in Summer Camp Final, 2016.

Other Programming Competitions

- 1st place (200+ teams), Istanbul Technical University algoComp Qualifier, 2021.
- 5th place (200+ teams), Hacettepe University HUPROG Finals, 2021.
- 1st place (100+ teams), CodeFest Türkiye, 2016 and 2018.
- 5th place (100+ teams), CodeFest Türkiye, 2017.
- Bronze Medal, Istanbul Science Olympiads, 2016.

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.