

Alican Büyükçakır

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Education	University of Michigan Ann Arbor Ph.D. in Computer Science and Engineering Member of GEMS Lab (Advisor: Danai Koutra)	Ann Arbor, MI 09.2019 - Present
	Bilkent University M.Sc. in Computer Engineering [CGPA: 3.96/4.00] <i>Thesis: GOOWE-ML: A Novel Online Stacked Ensemble for Multi-label Classification in Data Streams</i> (Advisor: Fazli Can)	Ankara, Turkey 06.2017 - 07.2019
	B.Sc. in Computer Engineering [CGPA: 3.91/4.00]	09.2012 - 06.2017
	KTH Royal Institute of Technology Exchange via Erasmus+	Stockholm, Sweden 01.2016 - 06.2016
Research Areas / Interests	<ul style="list-style-type: none">• Data Stream Mining: Concept drift detection, multi-label stream classification, ensemble pruning in streams• Graph and Network Mining: Streaming graph mining, multi-stream network summarization	
Publications	<ol style="list-style-type: none">1. Unsupervised Concept Drift Detection with a Discriminative Classifier Ömer Gözüaık, Alican Büyükçakır, Hamed Bonab, Fazli Can. <i>ACM CIKM 2019, Beijing, China.</i>2. A Novel Online Stacked Ensemble for Multi-Label Stream Classification Alican Büyükçakır, Hamed Bonab, Fazli Can. <i>ACM CIKM 2018, Torino, Italy.</i> (Acceptance Rate: 17 %)	
Honors / Awards	<ul style="list-style-type: none">• Outstanding Teaching Assistant Award from Bilkent University. (May 2019)• ACM SIGIR Student Travel Grant (\$1000 USD) for CIKM 2018 for my accepted full paper. (October 2018)• Outstanding Teaching Assistant Award from Bilkent University. Given based on the votes cast by the students for the best TA. (May 2018)• Graduate Scholarship by TÜBİTAK (Scientific and Technological Research Council of Turkey) BİDEB (Code: 2210). (Sept 2017 - Sept 2019)• Highest Honors on graduation from Bilkent University. Given to the students with CGPA > 3.75 upon graduation. (June 2017)• Mobile Award* from Bilkent University in CS Fair 2017 for our Senior Design Project, DepthCube. (May 2017)• Comprehensive Scholarship by Bilkent University, including 5-years of tuition fees, accommodation fees and monthly stipend. (September 2012 - June 2017)	
Academic Experience	TA / Lab Assistant	Bilkent University <ul style="list-style-type: none">• (Fall 2017, Spring 2018, Fall 2018) CS224 - Computer Organization: MIPS assembly, System Verilog, single-cycle, multi-cycle and pipelined datapaths.

	<ul style="list-style-type: none"> • (Fall 2017) CS281 - Computers and Data Organization: Databases, Relational Model, SQL.
Extracurricular	<ul style="list-style-type: none"> • (July 2018) TAsip in Bilkent AI Summer School, a programme where high school students without any prior programming experience are taught programming and fundamentals of Machine Learning.
Industrial Experience	<p><i>SWE Intern @ 8bit Vision</i> (Summer 2016) Bilkent Cyberpark, Ankara.</p> <ul style="list-style-type: none"> • Implementation and testing of Perceptual Hashing to find near-duplicate images in huge datasets. <p><i>SWE Intern @ Arçelik Group</i> (Summer 2015) METU Technopolis, Ankara.</p> <ul style="list-style-type: none"> • Development of Turkey's first mobile operating system. Implementation of Qt5 applications with QML (QtQuick) frontend with C++ backend.
Skills	<p>Programming Languages: Java, Python</p> <p>Languages: Turkish (native), English (fluent – TOEFL iBT 112/120), Japanese (novice).</p> <p>Tools / Frameworks: Git, bash, SQL, L^AT_EX, beamer, MOA, networkx, scikit-learn, Inkscape.</p> <p>Other:</p> <ul style="list-style-type: none"> • ACM and ACM SIGIR Student Member