

MERT ERKUL

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EDUCATION

ETH Zurich, Switzerland
Department of Computer Science
Data Science, MSc.
Advisor: Prof. Andreas Krause

September 2020 - March 2023 (Expected)
CGPA: 5.76 / 6.0

Bilkent University, Turkey
Department of Engineering
Electrical and Electronics Engineering, BSc.

September 2016 - June 2020
CGPA: 3.92 / 4.0

Nanyang Technological University, Singapore
School of Engineering
Electrical and Electronics Engineering, BSc. Exchange

August 2018 - January 2019
CGPA: 5.0 / 5.0

TED Ankara College, Turkey
High-School Scholar Development Program

September 2012 - June 2016
CGPA: 96.43 / 100

WORK EXPERIENCE

ETH Zurich - Social Networks Lab
Zurich, Switzerland
Advisor: Prof. Ulrik Brandes

November 2021 - Ongoing
Research Assistant

Karel Electronics
Ankara, Turkey

June 2019 - July 2019
Summer Internship

Deloitte
Istanbul, Turkey

June 2018 - July 2018
Summer Internship

Stigma Electronics
Ankara, Turkey

January 2017 - February 2017
Winter Internship

PUBLICATIONS

Ask “Who”, Not “What”: Bitcoin Volatility Forecasting with Twitter Data

M. E. Akbiyik*, **Mert Erkul***, K. Kaempff*, V. Vasiliaskaite, N. Antulov-Fantulin

Under review for *ACM International Web Search and Data Mining (WSDM) Conference 23'* [Paper]

Tightening the Loop in Mixed-Initiative ML Engineering and Domain Annotation using Active Learning and Visual Analytics

Mert Erkul*, P. Priyatamwong*, B. Tomekce*, M. Morales-Wyden, W. A. Baumgartner, E. White, M. Bada, L. Hunter, M. El-Assady

Accepted, *Visualization in BioAI workshop @ IEEE VIS 22'*

Word-Level Adversarial Defense Layer for Robust Natural Language Classification

Mert Erkul, M. Herde, N. Canevascini, Y. Schnider

Under review for *SRW workshop @ ACL-IJNLP 22'*

TEACHING

ETH Zurich - Deep Learning <i>Teaching Assistant</i>	Fall 2022 263-3210-00L
ETH Zurich - Network Analysis <i>Teaching Assistant</i>	Fall 2022 851-0252-15L
ETH Zurich - Soccer Analytics <i>Teaching Assistant</i>	Spring 2022 851-0557-00L

TECHNICAL STRENGTHS

Software Technologies Tools	Python, SQL, R, MATLAB, C/C++, JavaScript, Java, Swift PyTorch, TensorFlow, Keras, Spark, MongoDB, Neo4j React, d3.js, Wireshark, Arduino, Android Studio, XCode
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EXAMINATIONS

TOEFL iBT	Grade: 114 / 120
GRE General Test	Grade: 325 / 340

LANGUAGES

Turkish	Level: Native
English	Level: Advanced
German	Level: A2

ACADEMIC ACHIEVEMENTS

Comprehensive Scholarship (100% + stipend), Bilkent University, Turkey.

Ranked 266th among 2.225.386 students in University Placement Examination.

Comprehensive Scholarship (100%), TED Ankara College, Turkey.

Ranked 106th among 1.075.533 students in High-School Placement Examination.

Competed in TUBITAK Computer Science Olympics 2015 in Turkey.

Attended in TUBITAK Biology Project Competition 2015, ranked 4th among over 1.023 projects, with "*Examining the Effects of Bee Apitoxin Over Colon Cancer Cells*".

EXTRA CURRICULAR

Worked as a free tutor of Maths and Physics for high school students who are preparing for University Placement Examination at Matris Private Teaching Institution in 2016.

Worked as a free tutor on a variety of subjects to help primary and secondary school students excel in scholarship examinations at Anatolian Contemporary Education Foundation in 2014.

Was a member of the Table Tennis Team and played at competitive level for two academic years at TED Ankara College from 2013 to 2015.

Played as a starting shooting guard in TOFAS Ankara Junior Basketball Team from 2011 to 2012.