

## EDUCATION

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### ETH Zurich

M.S. in Computer Science, GPA: 5.63/6.00

Zurich, CH

2018–2020

- Thesis: “Learning in-the-wild Temporal 3D Pose Estimation from MoCap Data”

### Middle East Technical University

B.S. in Computer Engineering, GPA: 3.96/4.00 (ranked 2<sup>nd</sup>/190 in the dept.)

Ankara, TR

2013–2018

- Thesis: “AlgoTrade: A web-based algorithmic trading and backtesting framework”

## EXPERIENCE

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### ETH Zurich

Student Research Assistant at Data Analytics Lab

Zurich, CH

Summer 2019

- Interpretability in adversarial word embeddings for text
- Adapted the codebase for adversarial attacks on embeddings, conducted qualitative and quantitative analyses, worked on adversarial text generation via embedding projection

### Imperial College London

Research Intern at Intelligent Behaviour Understanding Group (iBUG)

London, UK

Summer 2017

- A novel audiovisual dataset for normal, whispered and silent speech
- Created tools for data collection and analysis, analysed the collected data, implemented fixes, worked on the reimplementing of the existing network in a different library

### École Polytechnique Fédérale de Lausanne

Research Intern at Data Intensive Applications and Systems Laboratory (DIAS)

Lausanne, CH

Summer 2016

- Microarchitectural analysis of OLAP database systems
- Examined the changes in microarchitectural utilization of different column-oriented database systems on distinct workloads

## PUBLICATIONS

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- [1] S. Petridis, J. Shen, **D. Cetin**, and M. Pantic, “Visual-Only Recognition of Normal, Whispered and Silent Speech”, in *2018 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, Apr. 2018, pp. 6219–6223.

## TEACHING

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- **Student Teaching Assistant** at Middle East Technical University Spring 2018  
*Programming Language Concepts (CENG 242)*
- **Student Teaching Assistant** at Middle East Technical University Fall 2016  
*Introduction to C Programming (CENG 230)*

## SKILLS

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- **Programming:** Python, Matlab, C/C++, Java
- **M. Learning:** PyTorch, TensorFlow, Keras, Chainer
- **Tools/Techs:** LaTeX, Git, SQL
- **Web:** HTML/CSS, Jekyll, JavaScript

## LANGUAGES

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- **English:** Proficient, TOEFL iBT score: 112/120  
– **GRE:** V: 162/170, Q: 170/170, AW: 4.0/6.0
- **Turkish:** Mother tongue, native speaker
- **Spanish:** Conversational, CEFR level: A1-A2

## PROJECTS

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See full list of projects on [dcetin.me/projects](https://dcetin.me/projects)

- **eth-cs-notes** (LaTeX/Markdown, 2019)  
Lecture notes/cheatsheets for Master's in CS
- **bert-adv-embed** (Python/Chainer, 2019)  
Adversarial perturbations on BERT word embeddings

## SCHOLARSHIPS AND AWARDS

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- ETH Zurich Direct Doctorate Scholarship 2018–2020
- 3<sup>rd</sup> place in METU Ceng Demo Day 2018, final year project exhibition of the department 2018
- Erasmus+ Traineeship Scholarship 2017
- Summer@EPFL Scholarship 2016
- METU Development Foundation Scholarship for Outstanding Success 2013–2018
- Merit based Prime Ministry Scholarship 2013–2018
- Isbank Altın Gençler Award and mobility grant 2013
- Ranked 4<sup>th</sup> among 1.9 million participants nationwide in Undergraduate Placement Examination (LYS) 2013

## VOLUNTEERING & MENTORING

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- Career Mentor at Crossing Paths 2017–Current  
*Helping undergraduate students on their career goals, also took part in their Career Chats program*
- Master Helper at ETH VIS Welcome Day 2019 Fall 2019  
*Mentored newcomer Master students, gave a campus tour and aided them in Study Planning Workshop*
- C Programming Language Tutor at IEEE METU Student Branch Fall 2016  
*An introduction to programming and a tutorial for the school courses for non-CS students*
- Official Turkish localization of the video game Human Resource Machine Winter 2015  
*A puzzle game by Tomorrow Corporation, simulating a simple computer in an office environment*