

EDUCATION

ETH Zurich , M.S. in Computer Science Current GPA: 5.45/6.00 – Thesis: “Learning in-the-wild Temporal 3D Pose Estimation from MoCap Data”	2018 – 2020 Zurich, CH
Middle East Technical University , B.S. in Computer Engineering Overall GPA: 3.96/4.00, Ranked 2nd/190 in the department – Thesis: “AlgoTrade: A web-based algorithmic trading and backtesting framework”	2013 – 2018 Ankara, TR

EXPERIENCE

ETH Zurich Student Research Assistant at Data Analytics Lab – 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	Summer 2019 Zurich, CH
Imperial College London Research Intern at Intelligent Behaviour Understanding Group (iBUG) – 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 reimplementation of the existing network in a different library	Summer 2017 London, UK
École Polytechnique Fédérale de Lausanne Research Intern at Data Intensive Applications and Systems Laboratory (DIAS) – Microarchitectural analysis of OLAP database systems – Examined how the utilization of the underlying microarchitecture changes based on the different families of database systems and distinct workloads	Summer 2016 Lausanne, CH

PUBLICATIONS

1. S. Petridis, J. Shen, **D. Cetin** and M. Pantic, “Visual-Only Recognition of Normal, Whispered And Silent Speech”, *IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, April 2018

TEACHING

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

PROJECTS

- **eth-cs-notes** (LaTeX/Markdown, 2019)
Lecture notes/cheatsheets for Master's in CS
- **dcetin.me** (Jekyll/HTML/CSS, 2018)
Minimalist personal webpage/blog
- **bert-adv-embed** (Python/Chainer, 2019)
Adversarial perturbations on BERT word embeddings
- **AlgoTrade** (JavaScript/Python, 2017)
Web-based algorithmic trading framework

SKILLS

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

LANGUAGES

- **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

SCHOLARSHIPS AND AWARDS

- ETH Zurich Direct Doctorate Scholarship 2018 - 2020
- 3rd 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 4th among 1.9 million participants nationwide in Undergraduate Placement Examination (LYS) 2013

VOLUNTEERING & MENTORING

- Career Mentor at Crossing Paths Fall 2017 -
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