

EDUCATION

- ETH Zurich** 2018 –
Zurich, CH
 - *Direct Doctorate in Computer Science*
 - *Master in Computer Science track: Visual Computing*
- Middle East Technical University** 2013 – 2018
Ankara, TR
 - *Bachelor of Science in Computer Engineering*
 - *Overall GPA: 3.96/4.00, Ranked 2nd/190 in the department*
- İzmir Science High School** 2009 – 2013
İzmir, TR
 - *Ranked 4th among 1.9 million participants nationwide*
 - *and 1st among all students at METU, in Undergraduate Placement Examination (LYS)*

EXPERIENCE

- ETH Zurich** Summer 2019
Zurich, CH
 - *Student Research Assistant at Data Analytics Laboratory*
 - ▶ Interpretability in adversarial word embeddings for text
 - NA
 - Used: Python, Chainer
- Imperial College London** Summer 2017
London, UK
 - *Research Intern at Intelligent Behaviour Understanding Group*
 - ▶ 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, under the supervision of Prof. Maja Pantic
 - Used: Python, Keras, TensorFlow, AutoIt, VirtualDub, Lasagne, Theano
- École Polytechnique Fédérale de Lausanne** Summer 2016
Lausanne, CH
 - *Research Intern at Data Intensive Applications and Systems Laboratory*
 - ▶ 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, under the supervision of Prof. Anastasia Ailamaki
 - Used: C++, SQL, json, VTune, Excel (databases/DBMSs can't be named due to disclosure)

PUBLICATIONS

- **D. Cetin**, B. Aydemir, E. Aldemir, U. Akunal, C. Seylan and S. Temizer, "AlgoTrade: A web-based algorithmic trading and backtesting framework", *International Conference & Exhibition on Digital Transformation & Smart Systems, October 2018*
- 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, April 2018* [\[link\]](#)

SKILLS

- **Programming:** Python, Matlab, C/C++, Java
- **Python:** 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

TEACHING

- 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)

PROJECTS

- **dcetin.me (Personal Website)** Spring 2018 -
Minimalist webpage/blog written in Jekyll and vanilla CSS [\[link\]](#)
- **AlgoTrade (BSc Final Year Project)** Fall 2017
User-friendly, web-based framework for creating, backtesting and optimizing trading algorithms [\[link\]](#)

VOLUNTEERING

- Career Mentor at Crossing Paths Fall 2017 -
Helping undergraduate students on their career goals, also took part in their Career Chats program
- C Programming Language Tutor at IEEE METU Student Branch Fall 2016
For non-CS students, both as an introduction to programming and as a supplementary tutorial for the school courses
- Official Turkish Localization of the video game Human Resource Machine Winter 2015
A puzzle game developed by Tomorrow Corporation, simulating a simple computer in an office environment

SCHOLARSHIPS AND AWARDS

- ETH Zürich Direct Doctorate Scholarship 2018 -
- 3rd place in METU Ceng Demo Day 2018, final year project exhibition of the department 2018
- Erasmus+ Traineeship Scholarship 2017
- Crossing Paths Internship Abroad Stipend 2017
- Summer@EPFL Scholarship 2016
- High Honour roll for eight consecutive semesters 2014 - 2018
- METU Development Foundation Scholarship for Outstanding Success 2013 - 2018
- Merit based Prime Ministry Scholarship 2013 - 2018
- Isbank Altın Gençler Award and mobility grant 2013