Doruk Çetin

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EDUCATION

ETH Zürich   2018 -
- *Direct Doctorate in Computer Science*   *Zürich, CH*
  Master in Computer Science track: Visual Computing

Middle East Technical University   2013 – 2018
- *Bachelor of Science in Computer Engineering*   *Ankara, TR*
  Overall GPA: 3.96/4.00, Ranked 2nd out of 130 students in the department

İzmir Science High School   2009 – 2013
  Graduation GPA: 94.27/100.0   *İzmir, TR*
- *Undergraduate Placement Examination (LYS): Ranked 4th among 1.9 million participants nationwide
  and 1st among all students at Middle East Technical University, June 2013*

EXPERIENCE

Middle East Technical University   Spring 2018
- *Student Teaching Assistant at Programming Language Concepts course (CENG 242)*   *Ankara, TR*
    – Testing and fine-tuning the course homeworks before they are assigned to the students

Imperial College London   Summer 2017
- *Research Intern at Intelligent Behaviour Understanding Group*   *London, UK*
    – Creation of a novel audiovisual dataset from scratch
    ◦ 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, GStreamer, Lasagne, Theano

Middle East Technical University   Fall 2016
- *Student Teaching Assistant at Introduction to C Programming course (CENG 230)*   *Ankara, TR*
    – Conducted lab hours of the course, guided non-CS students with programming basics using C

École Polytechnique Fédérale de Lausanne   Summer 2016
- *Research Intern at Data Intensive Applications and Systems Laboratory*   *Lausanne, CH*
    – 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

- S. Petridis, J. Shen, **D. Cetin** and M. Pantic, "Visual-Only Recognition of Normal, Whispered And Silent Speech",
  IEEE ICASSP, 2018 [**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

Final Year Project

- **Web-Based Algorithmic Trading Framework**   Fall 2017
  Currently underway with a team of four, as part of the year-long Computer Engineering Design course
  - User-friendly, web-based framework for creating, backtesting and optimizing trading algorithms

Skills

- **Programming:** Python, C/C++, Java, Assembly
- **Web:** HTML/CSS, SQL, XAMPP, JavaScript
- **Tools/Technologies:** LaTeX, Git, Unity, OpenGL
- **Familiar with:** Haskell, Prolog, Verilog, Matlab

Languages

- **English:** Proficient, TOEFL iBT score: 112/120
- **Turkish:** Mother tongue, native speaker
- **Spanish:** Conversational, CEFR level: A2
- **French:** Beginner, CEFR level: A1

Scholarships and Awards

- ETH Zürich Direct Doctorate Scholarship   2018 -
- Erasmus+ Traineeship Scholarship   2017
- Crossing Paths Internship Abroad Stipend   2017
- Summer@EPFL Scholarship   2016
- High Honour roll for seven consecutive semesters   2014 -
- METU Development Foundation Scholarship for Outstanding Success   2013 -
- Merit based Prime Ministry Scholarship   2013 -
- Isbank Altın Gençler Award and mobility grant   2013