Mustafa Onur Eken

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Education

Oct 2016 – present	**Technische Universität München**, München, Bayern, Germany *Master of Science in Informatics*
Sep 2011 – Jun 2016	**Boğaziçi University**, Istanbul, Turkey *Bachelor of Science in Computer Engineering* **GPA:** 3.46 / 4.00, Received Honor Certificate **Graduation Project:** Player Rating Estimation via Bayesian Inference **Advisor:** Assoc. Prof. Ali Taylan Cemgil

Experience

Oct 2017 – Present	**Siemens AG**, München, Germany *Working Student* Collaborating on a project that addresses the problem of pose graph optimization in computer vision.
Apr 2017 – Jul 2017	**TU München, Chair of Data Mining and Analytics**, München, Germany *Working Student* Implemented an interactive graph visualization package in Python. Runs on web browsers, built on WebGL 2.0 API and targets efficient rendering. Prominent features: • Jupyter notebook integration • Time efficient rendering • Programmable visualization attributes • Multi-view visualizations • Programmable messaging across views
Aug 2015 – Sep 2015	**Huawei Technologies Co.**, Istanbul, Turkey *Software Engineering Intern* Participated in a project that aims cluster analysis of a Twitter dataset. Learned fundamentals of natural language processing. Got introduced to the state-of-the-art techniques in NLP. Implemented vanilla clustering algorithms.
Jun 2015 – Aug 2015	**Twentify**, Istanbul, Turkey *iOS Application Development Intern* Learned to develop mobile applications in Cocoa Framework using Objective-C. Implemented experimental applications and a few features in the production application.
Jun 2014 – Aug 2014	**sahibinden.com**, Istanbul, Turkey *Android Application Development Intern* Learned basics of mobile application development. Implemented a minimalistic client application for Twitter.

Skills

Natural Languages	Turkish (Native), English (Fluent), German (A2)
Languages & Tools	Java, C, C++, OpenGL, Python, Python Data Science Stack, PyTorch, Tensorflow, MATLAB, Javascript, Prolog, Objective-C, LaTeX
Interest & Keywords	Machine Learning, Computer Vision, Variational methods, Probabilistic Models, Optimization

Certificates and Honors

Jul 2017	**Intercultural Competence and Communication Workshop,** *some of the topics covered are: expectation management, multicultural teams, culture shock, perception, stereotypes.*
Aug 2016	**Vision & Sports Summer School, Prague,** *got introduced to state-of-the-art computer vision techniques and the recent works of the participant professors.*
Oct 2015	**TOEFL iBT,** *Reading: 27, Listening: 26, Speaking: 22, Writing: 22,* Overall: 97/120
Sep 2015	**GRE,** *Analytical Writing: 3.0/6.0, Verbal Reasoning: 150/170, Quantitative Reasoning: 170/170*
Multiple Occasions	**Deans Honor List,** *Spring '13, Fall '13, Spring '14, Fall '14, Spring '15, Fall '15, Spring '16*
Fall 2012	**Deans High Honor List**

Interests and Activities

- Attended to 3D Reconstruction and Scene Understanding Meetup @Google München, *Nov 2017*
  Participants presented their recent works.
- Member at **COMPEC, Boğaziçi University**, *Sep 2011 - Jun 2012*
  Worked and in the organization of a hackathon: *7DX.*
- Voluntary summer camp at **Jena, Germany,** *Aug 2012*
  Attended to a international voluntary wildlife summer camp.

- I am keen on basketball; I love tennis, skiing, hiking, reading, traveling.