

Mustafa Onur EKEN

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Education

- Oct 2016 – present **Technische Universität 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

Experience

- May 2017 – Present **Siemens AG**, Munich, Germany
Master Student
Thesis topic: 6 DoF Object Detection in 3D Datasets
- Oct 2017 – May 2017 **Siemens AG**, Munich, Germany
Working Student
Collaborated on a project that addresses the problem of pose graph optimization in computer vision.
Paper: <https://arxiv.org/abs/1805.12279>
- 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 using WebGL 2.0. Prominent features:
- Jupyter notebook integration
 - Time efficient rendering
 - Programmable visualization attributes
 - Multi-view visualizations
 - Messaging across views
- Aug 2015 – Sep 2015 **Huawei Technologies Co.**, Istanbul, Turkey
Software Engineering Intern
Worked on a project that aims cluster analysis of a Twitter dataset. Practiced principles of NLP and implemented fundamental algorithms.
- Jun 2015 – Aug 2015 **Twentify**, Istanbul, Turkey
iOS Development Intern
Implemented some features in the production application using Objective-C.
- Jun 2014 – Aug 2014 **sahibinden.com**, Istanbul, Turkey
Android 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** C, C++, Java, MATLAB, Python, Python Data Science Stack, AWS, PyTorch, TensorFlow, OpenGL, Javascript, \LaTeX , Linux/Unix, Git

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

Activities

- **Interdisciplinary Project @TU München**, Chair of Construction Management & Real Estate Development
Oct 2017 - Apr 2018
Created datasets for 6 cities in Germany and implemented two custom machine learning models for the prediction of the rate of returns in the real estate market.
- **Attended to Innovation Hack @Microsoft Munich**, Apr 2018
Developed a real-time vehicle driver monitoring application using Azure services and Python in which driver is able to specify what actions to alert for.
- **Attended to 3D Reconstruction and Scene Understanding Meetup @Google Munich**, Nov 2017
Participants presented their recent works.
- **Member of COMPEC, @Boğaziçi University**, Sep 2011 - Jun 2012
Worked and in the organization of a hackathon: 7DX
- **Attended to an international Summer Camp @Jena Germany**, Aug 2012
Charity work on re-organization of some rural facilities.
- I am keen on basketball; I love tennis, skiing, hiking, reading, traveling.