ue225@nyu.edu   **Utku Evci**   N/A

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EDUCATION

May 2018	**New York University**, Courant Institute	New York, NY
	M.Sc. in Computer Science	
June 2016	**Koc University**, College of Engineering	Istanbul, Turkey
	B.Sc. in Electrical and Electronics Engineering, GPA: 3.99/4.30, 2nd in class	
	B.Sc. in Computer Engineering, GPA: 4.02/4.30, 2nd in class	
Spring 2016	**Nanyang Technological University**, Exchange	Singapore, Singapore
Fall 2013	**Munich Technical University**, Exchange	Munich, Germany

ACHIEVEMENTS

2016	**Fulbright Scholarship & NYU GSAS Tuition Scholarship**, for M.Sc. at NYU
2011-2016	**Dean's List**, during every semester of B.Sc. for having GPA>3.5
2011	**Semahat Arsel Scholarship**, most prestigious full scholarship for the B.Sc. at Koc University
2011	**Ranked 1st in Turkey**, in College Entrance Exam (LYS) out of more than a million people

PROGRAMMING SKILLS

> **5000 lines**	Matlab ● Java ● Python
> **2000 lines**	C ● Javascript ● Bash ● Scheme ● d3.js ● git
Familiar	CSS ● HTML ● LaTeX ● Assembly ● C++ ● Ardunio IDE

WORK & RESEARCH EXPERIENCE

Summer 2016	**University of Amsterdam**, ILPS Group	Amsterdam, Netherlands

Research Intern: Comparing Word Embeddings
- Reviewed the literature and the code to highlight the difference at hyperparameter selection
- Developed bash scripts to systematically train and evaluate word2vec and GloVe models with different hyperparameters on a cluster runs TORQUE
- Collaborated with others using git and documented the project with markdown

Summer 2015	**Swiss Federal Institute of Technology (EPFL)**, IIG	Lausanne, Switzerland

Research Intern: Modelling Human Stepping
- Processed 3D marker data sequence to detect steps and their locations on 2D plane using Matlab
- Contributed to a short paper published in CASA '16
- Created a system with cascaded neural networks to generate human stepping sequences in MATLAB by manually mining features and achieving a R^2 score of 0.6
- A full paper is written remotely along with an online .js implementation of the model during 2016 Summer. The paper is submitted to MIG '16 and accepted as poster

Fall 2014 - Spring 2015	**Koc University**, NWC Lab	Istanbul, Turkey

Lab Assistant
- Learned the basics of AVR-programming and circuit prototyping
- Built an NFC-curcuit by programming an ATMEL microcontroller and soldering circuit elements

PROJECTS

Fall 2015	**Facial Expression Detection**, Matlab/Bash	

B.Sc. Graduation Project
- Built a Rasperry-Pi based facial expression detecting art-installation, which is exhibited on campus. To detect facial expressions, a dataset of images are captured from 80 students and a neural network based model is trained.

Spring 2015	**Proper Crawler**, Matlab	

Startup Project
- Developed a crawler in Matlab to extract property information from major listing pages. Resulting data is used for predicting house prices as a part of a startup project called Proper