evcu.github.io   **Utku Evci**   New York, NY
              utkuevci@gmail.com   June 28, 2018

EDUCATION

May 2018	**New York University**, Courant Institute *M.Sc. in Computer Science, GPA:3.95/4*	New York, NY
June 2016	**Koc University**, College of Engineering *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*	Istanbul, Turkey
Spring 2016	**Nanyang Technological University**, Exchange	Singapore, Singapore

WORK & RESEARCH EXPERIENCE

Present	**Google**, Google Brain *2018 AI Residency Program* • selected from over 5000 applications (1%)	Montreal, Canada
Summer 2017	**Amazon**, AWS EC2 *Software Development Engineer(SDE) Intern: Auditing Big-Data* • Wrote 3000+ lines of pyspark/python-code using 14 different API/library for auditing TBs of data • Resulting spark program was able to reach 50mb/s per node processing speed and scaled linearly	Seattle, United States
Summer 2016	**University of Amsterdam**, ILPS Group *Research Intern: Comparing Word Embeddings* • Reviewed the literature and the code to highlight the difference at hyperparameter selection. • Written 500+ lines of bash-script to systematically train and evaluate word2vec and GloVe models with different hyperparameters on a cluster runs TORQUE	Amsterdam, Netherlands
Summer 2015	**Swiss Federal Institute of Technology (EPFL)**, IIG *Research Intern: Modelling Human Stepping* • Processed 3D marker data sequence to detect steps and their locations on 2D plane, which led to a short paper published in CASA '16 • Created a model with cascaded neural networks to generate human stepping sequences in MATLAB by manually mining features and achieving a R^2 score of 0.6 • Wrote a full-paper remotely along with an online .js implementation summing up to 4000+ lines of MATLAB/javasript which is acccepted to MIG '16 as poster	Lausanne, Switzerland

PROJECTS[1]

Spring 2018	**Detecting Dead Weights and Units**, Python/Bash *M.Sc. Thesis advised by Prof. Bottou* • Implemented pytorchpruner: pruning library for pytorch with 1k+ lines • Wrote exp-bootstrp for large scale experiments and visualized the findings in TensorBoard	
Fall 2016	**Neural Network Pruning**, Python/Bash *Computer-Vision Class Project* • Implemented network pruning with various criterion in Torch7 and performed experiments with bash scripts on NYU's cluster Mercer. • Wrote 1500+ lines of code in 6 weeks utilizing 5 different api-library along with a report and literature review of 15+ papers.	

ACHIEVEMENTS

2016	**Fulbright Scholarship & NYU GSAS Tuition Scholarship**, for M.Sc. at NYU	
2011	**Ranked 1st in Turkey**, in College Entrance Exam (LYS) out of more than a million people	
2013-2016	**American Football College Team Captain**, led the team in offense	
2011	**Semahat Arsel Scholarship**, most prestigious full scholarship for the B.Sc. at Koc University	

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[1]more at evcu.github.io

Skills & Interest

> **5000 lines**	C ∘ **Python** ∘ Java ∘ Bash
> **2000 lines**	CUDA ∘ (py)Spark ∘ (py,Lua)Torch ∘ Javascript/d3.js ∘ git
Familiar	CSS/HTML ∘ OpenMPI/MP ∘ C++ ∘ Lisp/Scheme