

EDUCATION

May 2018	New York University , Courant Institute <i>M.Sc. in Computer Science, GPA:3.95/4</i>	New York, NY
June 2016	Koc University , College of Engineering <i>B.Sc. in Electrical and Electronics Engineering, GPA: 3.99/4.30, 2nd in class</i> <i>B.Sc. in Computer Engineering, GPA: 4.02/4.30, 2nd in class</i>	Istanbul, Turkey
Spring 2016	Nanyang Technological University , Exchange	Singapore, Singapore

PROGRAMMING SKILLS

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

WORK & RESEARCH EXPERIENCE

Summer 2017	Amazon , AWS EC2 <i>Software Development Engineer(SDE) Intern: Auditing Big-Data</i> <ul style="list-style-type: none"> 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 <i>Research Intern: Comparing Word Embeddings</i> <ul style="list-style-type: none"> 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 <i>Research Intern: Modelling Human Stepping</i> <ul style="list-style-type: none"> Processed 3D marker data sequence to detect steps and their locations on 2D plane, which led to a short paper published in CASA '16 Wrote a full-paper remotely along with an online .js implementation summing up to 4000+ lines of MATLAB/javascript which is accepted to MIG '16 as poster 	Lausanne, Switzerland

PROJECTS¹

Fall 2016	Neural Network Pruning , Python/Bash <i>Computer-Vision Class Project</i> <ul style="list-style-type: none"> 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.
Fall 2015	Facial Expression Detection , Matlab/Bash <i>B.Sc. Graduation Project</i> <ul style="list-style-type: none"> Built a Raspberry-Pi based facial expression detecting art-installation (overall 900+ lines of c-python-matlab code) , which is exhibited on campus. Created a dataset of facial expressions from 80 students and trained a NN based model.

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

¹more at evcu.github.io