

SAMET DEMİR

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EDUCATION

Boğaziçi University

B.Eng. in Computer Engineering

August 2015 - July 2020

Overall GPA: 3.3 / 4.0

Computer Engineering Courses GPA: 3.7 / 4.0

RESEARCH EXPERIENCE

Boğaziçi University - PILAB-SIGMA Research Group

Summer Research Intern

June 2018 - July 2018

Advisor: A. Taylan Cemgil

Research on "Turkish Word Stemming"

Boğaziçi University - PILAB-SIGMA Research Group

Undergraduate Research Assistant

September 2018 - January 2019

Advisor: A. Taylan Cemgil

Research on "Turkish Word Stemming"

Boğaziçi University - Dependable Systems Group

Undergraduate Research Assistant

March 2019 - Present

Advisor: Alper Şen

Research on "Testing Deep Neural Networks"

PUBLICATIONS

Reward Guided Test Generation For Deep Learning

2019

arXiv:1911.10621

Work In Progress

Co-authors: Hasan Ferit Enişer and Alper Şen

Neural Academic Paper Generation

2019

arXiv:1912.01982

Work In Progress

Co-authors: Uras Mutlu and Özgür Özdemir

TEACHING EXPERIENCE

Boğaziçi University - Intro. to Computing(CMPE150)

Undergraduate Teaching Assistant

September 2017 - January 2018

Help students practice C Programming at LAB hours

WORK EXPERIENCE

TUBİTAK BİLGEM - Software Tech. Research Institute

Software Engineering Intern

August 2018 - September 2018

Supervisor: Erkan Yalçın

Learn Microservices Architecture with Java - Spring Framework

armut.com

Machine Learning and Artificial Intelligence Intern

January 2019 - March 2019

Supervisor: Günay Özkan

Project: Improving the Recommendation System

Apply Recurrent Neural Networks and Research on "Neural ODEs for Recommendation Systems"

intertech
Software Engineering and Business Analysis Intern
Project: Improving the Process Design Management

August 2019 - September 2019
Supervisor: Harun Can Tekin

CERTIFICATES

Machine Learning <i>Stanford University - coursera.org</i> coursera.org/account/accomplishments/certificate/JUY53X4XZMVB	October 2016 <i>Lecturer : Andrew Ng</i>
Cybersecurity Winter Camp 2017 <i>BUCYBER - Boğaziçi University</i>	February 2017 <i>Lecturer : Fatih Emiral</i>
Neural Networks and Deep Learning <i>deeplearning.ai - coursera.org</i> coursera.org/account/accomplishments/certificate/88JAH8KGEZ7A	August 2017 <i>Lecturer : Andrew Ng</i>
Improving Deep Neural Networks: Hyper-parameter tuning, Regularization and Optimization <i>deeplearning.ai - coursera.org</i> coursera.org/account/accomplishments/certificate/3S2GR8AVMLC7	January 2018 <i>Lecturer : Andrew Ng</i>
Computational Neuroscience: Neuronal Dynamics of Cognition <i>EPFLx - edX</i> courses.edx.org/certificates/ca3fb903e5a94974a66929f4ffa28e78	July 2018 <i>Lecturer : Wulfram Gerstner</i>

PROJECTS

Vehicle Tracking via Smart Phones Implement a Shared Taxi ("Dolmuş" in Turkish) Tracking application github.com/simitii/DolmusNerde-WebSite	June 2017 - July 2017
Course List Planner Implement an unofficial Course List Planner for Boğaziçi University students github.com/simitii/CoursePlanner-BackEnd	September 2017
Experimental P2P File Sharing Implement an Experimental P2P File Sharing Application github.com/simitii/Experimental-P2P-File-Sharing-Groups	September 2017
Learn to Move with Deep Reinforcement Learning <i>CMPE462 - Machine Learning Term Project</i> Apply Deep Reinforcement Learning to NIPS 2017 Challenge - Learning to Run github.com/simitii/Learn-to-Move-with-Deep-Reinforcement-Learning/	March 2018 - June 2018 <i>Lecturer: A. Taylan Cemgil</i>

LANGUAGES

English - Proficient	Turkish - Native
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REFERENCES (ORDERED)

Prof. Ali Taylan Cemgil	<i>taylan.cemgil@boun.edu.tr</i>
Prof. Alper Şen	<i>alper.sen@boun.edu.tr</i>
Dr. Ömer Güneş	<i>omer.gunes@pmb.ox.ac.uk</i>
Günay Özkan	<i>gunay@armut.com</i>
Uras Mutlu (PhD Student)	<i>uras.mutlu@boun.edu.tr</i>
Hasan Ferit Enişer (PhD Student)	<i>hfeniser@mpi-sws.org</i>