

SAMET DEMİR

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EDUCATION

Boğaziçi University *September 2015 - June 2020*
B.Eng. in Computer Engineering *Overall GPA: 3.32 / 4.00*
Computer Engineering Courses GPA: 3.70 / 4.00

RESEARCH EXPERIENCE

Boğaziçi University - PILAB-SIGMA Research Group *June 2018 - July 2018*
Summer Research Intern *Advisor: A. Taylan Cemgil*
Research on "Word Embedding & Stemming"

Boğaziçi University - PILAB-SIGMA Research Group *September 2018 - January 2019*
Undergraduate Research Assistant *Advisor: A. Taylan Cemgil*
Research on "Word Embedding & Stemming"

Boğaziçi University - Dependable Systems Group *March 2019 - Present*
Undergraduate Research Assistant *Advisor: Alper Şen*
Research on "Testing Deep Learning Models"

PUBLICATIONS

Neural Academic Paper Generation *2019*
will be submitted to LREC - REPROLANG 2020 *Co-authors: Uras Mutlu and Özgür Özdemir*

Reward Guided Test Generation For Deep Learning *2019*
will be submitted to AAI - SAFEAI 2020 *Co-authors: Hasan Ferit Enişer and Alper Şen*

TEACHING EXPERIENCE

Boğaziçi University - Intro. to Computing(CMPE150) *September 2017 - January 2018*
Undergraduate Teaching Assistant
Helping students practice C Programming at LAB Hours

WORK EXPERIENCE

TUBİTAK BİLGEM - Software Tech. Research Institute *August 2018 - September 2018*
Software Engineering Intern *Supervisor: Erkan Yalçın*
Learning and applying Microservices Architecture with Java - Spring Framework

armut.com *January 2019 - March 2019*
Machine Learning and Artificial Intelligence Intern *Supervisor: Günay Özkan*
Project: Improving the Recommendation System
Applying Recurrent Neural Net models and research on "Neural ODEs for Recommendation Systems"

intertech *August 2019 - September 2019*
Software Engineering and Business Analysis Intern *Supervisor: Harun Can Tekin*
Project: Improving the Process Design Management

CERTIFICATES

Machine Learning

Stanford University - coursera.org

coursera.org/account/accomplishments/certificate/JUY53X4XZMVB

October 2016

Lecturer : Andrew Ng

Cybersecurity Winter Camp 2017

BUCYBER - Boğaziçi University

Neural Networks and Deep Learning

deeplearning.ai - coursera.org

coursera.org/account/accomplishments/certificate/88JAH8KGEZ7A

February 2017

Lecturer : Fatih Emiral

August 2017

Lecturer : Andrew Ng

Improving Deep Neural Networks:

Hyper-parameter tuning, Regularization and Optimization

deeplearning.ai - coursera.org

coursera.org/account/accomplishments/certificate/3S2GR8AVMLC7

January 2018

Lecturer : Andrew Ng

Computational Neuroscience: Neuronal Dynamics of Cognition

EPFLx - edX

courses.edx.org/certificates/ca3fb903e5a94974a66929f4ffa28e78

July 2018

Lecturer : Wulfram Gerstner

PROJECTS

Experimental Social Media Project

Learning and using React Native, NodeJS, MongoDB for the development of a social media application
github.com/simitii/Experimental-Social-Media-Project

December 2016 - May 2017

Vehicle Tracking via Smart Phones

Implementing a Shared Taxi("Dolmuş" in Turkish) Tracking Application
github.com/simitii/DolmusNerde-WebSite

June 2017 - July 2017

Course List Planner

Implementing an unofficial Course List Planner Web Application for Boğaziçi University Students
github.com/simitii/CoursePlanner-BackEnd

September 2017

Experimental P2P File Sharing

Implementing an Experimental P2P File Sharing Application which is kind of P2P version of WhatsApp
github.com/simitii/Experimental-P2P-File-Sharing-Groups

September 2017

Learn to Move with Deep Reinforcement Learning

CMPE462 - Machine Learning Term Project

Applying Deep Reinforcement Learning to NIPS 2017 Challenge - Learning to Run
github.com/simitii/Learn-to-Move-with-Deep-Reinforcement-Learning/

March 2018 - June 2018

Lecturer: A. Taylan Cemgil

LANGUAGES

English - *Proficient*

Turkish - *Native*

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>