

B.S. & M.S in Computer Science, 2020

OBJECTIVE	Dedicated for future research of human integration of systems with computer and robotics. Primary technical goal of professional mastery in Computational Intelligence and required computer and engineering skills.	
EDUCATION	ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago Co-terminal Degree in Computer Science (B.S. & M.S.) Specialization in Computational Intelligence Minor in Applied Mathematics <u>Courses Taken:</u> Elem. Linear Algebra, Discrete Structures, Data Structures & Algorithms, Data Mining, Probability/Statistics, Machine Learning, Database Organizations GPA: 3.51/4.00	Expected, December 2020
WORK EXPERIENCE & PROJECTS	Google - Engineering Practicum Intern (EP) , Mountain View, CA Project 1: "Improving Targeting Quality using TensorFlow Model" <ul style="list-style-type: none">Implemented a negative filtering for Google Search Ads using Deep Neural Networks.Created automated experiments to tune TensorFlow model performance.Observed significant improvements of quality (7.2%) over traditional logistic regression model. Project 2: "Model Age Monitor" <ul style="list-style-type: none">Created, tested and launched an online monitoring system that successfully catches old models and executes on-call alert using Python. ARC - Supplemental Instructor (SI) Held weekly tutoring and review sessions for Calculus I SELN Language Fluency App Translator(English-Turkish), Shareholder	May 2018-August 2018 August 2017-November 2017 March 2015-January 2016
RESEARCH PROJECTS	Transparent Text Classification – IIT: Machine Learning Lab Summarize, process movie reviews to desired format. Train a Convolutional Neural Network (CNN) model to classify text documents and return its reasoning. Locating Weaponry through Security Cameras - IIT: VLSI Lab Collected and labeled video and photo data using Labellmg, vatic and ImageNet Angle Resolved Photoemission Spectroscopy - IIT: ARPES Lab Participated in the construction of a new ultra high vacuum environment for film synthesis. Analyzing the Effects of Public Housing (TOKI) to Elections - Rice University Organized and analyzed data for gender and geographical distribution of votes using Java	October 2018-Present September 2017-November 2017 Summer 2017 August 2015 - September 2015
SKILLS	Technical: Python (numpy, pandas, sklearn), TensorFlow, Keras, Jupyter Notebook, Java, Oracle, SQL Languages: English (Fluent), Turkish (Fluent), Spanish (Starter)	
AWARDS AND HONORS	Dean's List (Electrical Engineering Department - IIT) National University Entrance Exam 1 st & 2 nd Stage (YGS-LYS) Ranked in top 25 among 2.086.087 students Physics Olympiad Student	Fall 2016, Spring 2017 March, June 2014 2010-2012
EXTRA CURRICULAR ACTIVITIES	Weekend School Teacher and Mentor at TASC Teach Turkish Classes (Volunteer) for 1-5 th grades Organize and lead Summer and Winter camps for high schoolers University Presentations and How to Be Successful Seminars 16 Seminars Given in Istanbul, Kocaeli, Sakarya / TURKEY ACM Club at North American University - ESL Representative Recent Hackathons Attended: WildHacks, LyftHack (2nd place) , ScarletHacks	September 2016-Present March 2015 January-November 2015