

## 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	Expected, December 2020
	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, <b>Data Structures &amp; Algorithms</b> , <b>Data Mining</b> , <b>Probability/Statistics</b> , <b>Machine Learning</b> , Database Organizations	
	GPA: 3.51/4.00	
WORK EXPERIENCE & PROJECTS	Google - Engineering Practicum Intern (EP), Mountain View, CA	May 2018-August 2018
	Project 1: "Improving Targeting Quality using TensorFlow Model"	
	<ul style="list-style-type: none"> <li>Implemented a negative filtering for Google Search Ads using Deep Neural Networks.</li> <li>Created automated experiments to tune TensorFlow model performance.</li> <li>Observed significant improvements of quality (7.2%) over traditional logistic regression model.</li> </ul>	
	Project 2: "Model Age Monitor"	
	<ul style="list-style-type: none"> <li>Created, tested and launched an online monitoring system that successfully catches old models and executes on-call alert using Python.</li> </ul>	
	ARC - Supplemental Instructor (SI)	August 2017-November 2017
	Held weekly tutoring and review sessions for Calculus I	
	SELN Language Fluency App	March 2015-January 2016
	Translator(English-Turkish), Shareholder	
RESEARCH PROJECTS	Transparent Text Classification – IIT: Machine Learning Lab	October 2018-Present
	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	September 2017-November 2017
	Collected and labeled video and photo data using Labellmg, vatic and ImageNet	
	Angle Resolved Photoemission Spectroscopy - IIT: ARPES Lab	Summer 2017
	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	August 2015 - September 2015
	Organized and analyzed data for gender and geographical distribution of votes using Java	
SKILLS	Technical: <b>Python</b> (numpy, pandas, sklearn), <b>TensorFlow</b> , <b>Keras</b> , <b>Jupyter</b> Notebook, Java, Oracle, SQL	
	Languages: English (Fluent), Turkish (Fluent), Spanish (Starter)	
AWARDS AND HONORS	Dean's List (Electrical Engineering Department - IIT)	Fall 2016, Spring 2017
	National University Entrance Exam 1 <sup>st</sup> & 2 <sup>nd</sup> Stage (YGS-LYS)	March, June 2014
	Ranked in top 25 among 2.086.087 students	
	Physics Olympiad Student	2010-2012
EXTRA CURRICULAR ACTIVITIES	Weekend School Teacher and Mentor at TASC	September 2016-Present
	Teach Turkish Classes (Volunteer) for 1-5 <sup>th</sup> grades	
	Organize and lead Summer and Winter camps for high schoolers	
	University Presentations and How to Be Successful Seminars	March 2015
	16 Seminars Given in Istanbul, Kocaeli, Sakarya / TURKEY	
	ACM Club at North American University - ESL Representative	January-November 2015
	Recent Hackathons Attended: WildHacks, <b>LyftHack (2<sup>nd</sup> place )</b> , ScarletHacks	