

## 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 Courses Taken: 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	<b>Google - Engineering Practicum Intern (EP)</b> , 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> <b>ARC - Supplemental Instructor (SI)</b> August 2017-November 2017 Held weekly tutoring and review sessions for Calculus I <b>SELN Language Fluency App</b> March 2015-January 2016 Translator(English-Turkish), Shareholder
RESEARCH PROJECTS	<b>Transparent Text Classification – IIT: Machine Learning Lab</b> 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. <b>Locating Weaponry through Security Cameras - IIT: VLSI Lab</b> September 2017-November 2017 Collected and labeled video and photo data using Labellmg, vatic and ImageNet <b>Angle Resolved Photoemission Spectroscopy - IIT: ARPES Lab</b> Summer 2017 Participated in the construction of a new ultra high vacuum environment for film synthesis. <b>Analyzing the Effects of Public Housing (TOKI) to Elections - Rice University</b> 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	<b>Dean's List</b> (Electrical Engineering Department - IIT) Fall 2016, Spring 2017 <b>National University Entrance Exam 1<sup>st</sup> &amp; 2<sup>nd</sup> Stage (YGS-LYS)</b> March, June 2014 Ranked in top 25 among 2.086.087 students <b>Physics Olympiad Student</b> 2010-2012
EXTRA CURRICULAR ACTIVITIES	<b>Weekend School Teacher and Mentor at TASC</b> September 2016-Present Teach Turkish Classes (Volunteer) for 1-5 <sup>th</sup> grades Organize and lead Summer and Winter camps for high schoolers <b>University Presentations and How to Be Successful Seminars</b> March 2015 16 Seminars Given in Istanbul, Kocaeli, Sakarya / TURKEY <b>ACM Club at North American University - ESL Representative</b> January-November 2015 Recent Hackathons Attended: WildHacks, <b>LyftHack (2<sup>nd</sup> place )</b> , ScarletHacks