

CONTACT INFORMATION	Lausanne, Switzerland ☎ +90 545 738 23 80 ✉ gunes.ozgun@epfl.ch	Webpage: gozgun.github.io LinkedIn: gunes-ozgun Github: gozgun
TECHNICAL & LANGUAGE SKILLS	<i>Programming:</i> C++, Python, HTML, JavaScript, SQL, MATLAB <i>Experience in:</i> Agile & Scrum, Kanban, Jira, Git, Django <i>Languages:</i> Turkish (Native), English (TOEFL 109/120), Spanish (DELE A2), French (A0)	
EDUCATION	EPFL , Lausanne, Switzerland Sept 2021 - July 2023 (expected) <i>MSc., Computer Science GPA: 5.36/6</i> <i>Minor in Management Technology and Entrepreneurship</i> <ul style="list-style-type: none"> • Related Coursework: Machine Learning, Digital Education, Information Security and Privacy, TCP/IP, Innovation Management Sabancı University , Istanbul, Turkey 2016 - 2021 <i>B.Sc., Computer Science & Engineering. (Double major) GPA: 3.96/4 , Rank: 3/133.</i> <i>B.Sc., Mechatronics Engineering. GPA: 3.95/4 , Rank: 2/39.</i> <ul style="list-style-type: none"> • Related Coursework: Database Systems, Artificial Intelligence, Operating Systems, Computer Networks, Software Engineering, Cryptography, Introduction to Data Science, Programming Languages, Discrete Mathematics, Entrepr. Skills Workshop I, Introduction to Management • Thesis: <i>Application of Autoencoder Neural Networks for CFD Problems</i>, supervised by Prof. Dr. Serhat Yeşilyurt 	
WORK EXPERIENCE	Denebunu , Istanbul, Turkey Feb 2021 - June 2021 <i>Software Development Intern</i> <ul style="list-style-type: none"> • Solved 40 back-end problems and 7 bugs using Django, HTML, Python and JavaScript. • Designed and implemented Press page to display interviews and news articles published in the mainstream media about Denebunu. Sabancı University , Istanbul, Turkey Jan 2019 - May 2019 & Jan 2020 - May 2020 <i>Learning Assistant</i> <ul style="list-style-type: none"> • Assisted CS204 Advanced Programming (C++) students with their course related questions and homework. • Coordinated office hour sections for 250+ students and 10+ assistants. Carnegie Mellon University , Pittsburgh, PA, USA June 2019 - Aug 2019 <i>Summer Research Intern</i> <ul style="list-style-type: none"> • Built a 3D printed boat in millimeter scale using SolidWorks which works with Magnetohydrodynamics propulsion under the supervision of Dr.Fatma Zeynep Temel. • Simulated the magnetic field distribution given the actuator design and produced force prediction in MATLAB. 	
SELECTED PROJECTS	Sabancı University , Istanbul, Turkey Feb 2021 - June 2021 <i>VIRAL Lab, Binaural Music Characteristics</i> <ul style="list-style-type: none"> • Analyzed the frequency characteristics of binaural tracks and the factors that affect their quality and popularity using Python under the supervision of Dr.Onur Varol. 	

	Sabancı University , Istanbul, Turkey <i>Software Engineering Course Project - Cook It Yourself</i>	Sept 2020 - Jan 2021
	<ul style="list-style-type: none"> • Built web and mobile applications for a food delivery service using Django, React, HTML, Javascript, SQLite and Firebase for notification system and Recombee to generate targeted product recommendations. • Took roles as a front-end engineer, product manager and ScrumMaster in a team of five. 	
	Sabancı University , Istanbul, Turkey <i>Computer Networks Course Project - File Sharing Network</i>	Sept 2020 - Jan 2021
	<ul style="list-style-type: none"> • Implemented server and client side of a file sending system using sockets using C# where clients can upload, download, delete and share files. 	
	Sabancı University , Istanbul, Turkey <i>Application of Autoencoder Neural Networks for CFD Problems</i>	Sept 2019 - June 2020
	<ul style="list-style-type: none"> • Built an Autoencoder Neural Network that predicts the optimal flow with root mean squared error of 3.2% and 1.83% for drag coefficient and lift coefficient, respectively for a given system by using MATLAB. 	
HONORS AND AWARDS	Tuition Scholarship for outstanding GPA , Sabancı University Sakıp Sabancı Tuition Scholarship , Sabancı University Dean's High Honor List , Sabancı University	2018 - 2021 2017 - 2018 2016 - 2021
VOLUNTARY WORK	Civic Involvement Projects , Istanbul Turkey	Sept 2016 - June 2017
	<ul style="list-style-type: none"> • Prepared the questions and answers of mind games to primary school kids and motivated them to do critical thinking and advance their problem-solving skills. • Visited an animal shelter in Tuzla and walked dogs every week. 	
INTERESTS	Playing the piano (13 years), reading mythological novels, sailing and creating new recipes	