

# Cavit Çakır

## contact

Sabancı University,  
34956, Tuzla/İstanbul

+90 (535) 842 0983

 cavitcakir  
@sabanciuniv.edu

 /cavitcakir  
 /cavitcakir

## languages

Turkish *mother tongue*  
English *fluent*  
German *Basic*  
Spanish *Basic*

## programming

C++, Python, C#,  
Javascript, React  
Native, LaTeX, git

## web development

nodejs, html, css,  
mysql

## hobbies

Coffee Brewing,  
Origami, Archery,  
Trekking, Role-Playing  
Games

## volunteer works

Project member for  
elementary school  
students development.  
Played some mind  
games and spent 2  
hours a week with  
them.




## education



- 2016-Expected 2021 **Sabancı University** Istanbul/TURKEY  
Bachelor's degree Computer Science and Engineering.  
(Expected June 2021)
- 2012-2016 **Izmir Private Turk Science High School** Izmir/TURKEY

## experience

- Feb2019-Currently **Teaching Assistant** Istanbul/TURKEY  
*Instructors: Gulsen Demiroz, Duygu Karaoglan Altop, Inanc Arin*  
*Sabancı University*
- Supported instructor with lab sessions for **Introduction to Computing** course.
  - Mentored students through office hours and one-on-one communication.
  - Conducted interactive discussions on a weekly basis with 20-30 students and assisting them through question clarification.
- Jan2018- Feb2018 **Market Analyst Intern** Izmir/TURKEY  
*Enisolar Energy*
- Informed supervisors and company leaders on markets and regional sales needs to best meet customer needs and maximize revenue.
  - Maximized advertising efforts by developing content for media relations, corporate communications and social media posts.

## projects & research

- Feb2020-May2020 **Skin Cancer Classification**   
*Advisor: Reyhan Terzioğlu*
- Project aims to help early diagnoses of skin cancer by assisting dermatologist using only the images of the suspected skin segment and Machine Learning (ML) methods that are suitable for this problem. Used CNN and Transfer Learning.
- Feb2020-May2020 **E-Commerce Mobile Application**   
*Advisor: Cemal Yilmaz*
- Designed and implemented React-Native e-commerce application. Project aim was to produce industry standard application.
- Feb2019-Aug2019 **High Performance Computing Algorithms for the Hypergraph Partitioning Problem** Sabancı University PURE(Program for Undergraduate Research)  
*Advisor: Kamer Kaya*
- Develop parallel algorithms with low-memory footprints for the hypergraph-partitioning problem.
  - Algorithms implemented on multicore CPUs and manycore GPUs.
- Sep2019-Jan2020 **Social Networking Application**   
*Advisor: Albert Levi*
- Developed social networking application by implementing client and server modules using C# for Computer Networks Project.

- Feb2019-May2019 **Predicting Spotify Top List by Country Based on Weather Project** 
- Advisor: Selim Balçisoy*
- Designed and implemented machine learning techniques to predict if song will be in top list or not, based on weather for Introduction to Data Science Project.
- Feb2019-May2019 **Database Project for Collages** 
- Advisor: Yuçel Saygin*
- Created database and website which is going to store information of courses, students, instructors and classes in collage, using SQL and php for Database and System Management Project.