

education

Sabanci University
Istanbul, Turkey
Computer Science, B.Sc
Mathematics Minor



Major GPA 3.31
Dean's Honor List Spring '16
Expected Graduation Fall '15 - Spring '19

related courses

- CS201 - introduction to computing
variables, functions, classes, loops, scope, std::vector, arrays in C++
- CS204 - advanced programming
pre-processor, memory & pointers, linked-list, stack, inheritance, polymorphism, multithreading
- CS300 - data structures
BSTs, AVL trees, heaps, disjoint-sets, hash tables, sorting algorithms, graph algorithms
- CS301 - algorithms
recurrences, greedy & DP algorithms, RBTs, B-trees, flow networks & graph algorithms, computational geometry
- CS306 - database management systems
relational algebra, normalization & FD, SQL, PHP, concurrency management, term project - airport DBMS
- CS210 - introduction to data analysis
data visualization, statistical maths, ML basics, kNN, k-means, regression, SVM, term project on python
- MATH306 - statistical modelling
data visualization in R, point and interval estimation, hypothesis testing, regression and correlation

hackathons & challenges

- Co-founded ENSO Squad, where teams were formed to participate in hackathons
- Participated to online hackathons in Codeforces and Hackerrank
- Solved over 100 challenges in Hackerrank and over 45 challenges in Project Euler

projects

Stalker [ongoing]
neo4j, React.js, node.js, express.js, passport.js, C++

A web app utilizing a graph structure where vertices are people and edges are friendship relationships. We perform various graph algorithms to find the closest connection one has to another. We calculate popularity rank etc. by using various data analysis techniques and generate a score to each user.

Push Me
MERN stack, Swift 3, Illustrator

A simple webapp featuring an iOS client. Users push a button from either the webapp or the mobile client to have an entry in the database. Users can view the pushes made by other users by time, country and city.

pushmeapp.herokuapp.com

Blink [ongoing]
Swift 3, Socket.io, express.js, MongoDB, passport.js

Anonymous chatting application on iOS for Sabanci University students



languages & technologies

Programming (proficient) C++, Python

Programming (familiar) Javascript, Swift 3, PHP, R

Frameworks & Libraries MERN stack, Socket.io

Databases MongoDB, SQL, neo4j

Templating & Markup HTML, CSS, SASS, EJS

Sound Production FL Studio 12

Vector Design Adobe Illustrator