

ABOUT ME

My name is Majid Sepasi. I am 23 years of age and quite keen on Python Programming and Machine Learning. In addition, finance and blockchain technology appeals to me.

EDUCATION

Bachelor Degree of Computer Engineering, University of Bojnord

- Top student of College (2018 – 2021)

SKILLS

2015 - 2022

- **PROGRAMMING**

During my student years, I have learned various programming languages such as *C*, *C++*, *Java* and *Python*.

- **FINANCE**

Analyzing Cryptocurrency, S&P Index, DJI Index, etc has been being one of my favorite things to do.

- **ENGLISH**

I have been working on my English language since 3 years ago. At the moment, I am fluent in general English.

EXPERIENCES

- **+3 YEARS OF EXPERIENCE AT [CODEFORCES.COM](https://codeforces.com)**

Codeforces is one of the best platforms for competitive coding and is usually known for its short challenges/contests where programmers from every corner of the world participate. I worked in this platform for +3 years and my algorithm improved a lot. You can see my profile [here](#).

- **+3 YEARS OF EXPERIENCE AT [QUERA.ORG](https://quera.org)**

Quera is a platform for competitive coding similar to codeforces but its participants are from Iran. I worked in this platform for +3 years and my algorithm improved a lot. you can see my profile [here](#).

- **+3 YEARS OF EXPERIENCE IN ACM/ICPC COMPETITIONS**

The ICPC International Collegiate Programming Contest, known as the ICPC, is an annual competitive programming competition among the universities of the world.

- **+3 YEARS OF EXPERIENCE IN CRYPTOCURRENCY**

Cryptocurrency is decentralized digital money that's based on blockchain technology. I have been working on this technology considering Macroeconomic, On-chain, Fundamental, Technical and Price Action for three years.

- **HOLDING A JAVA OOP COURSE (2019)**

I held a Java Object Oriented Programming course for undergraduate students. over 20 students attended this course. In this course, some important concepts such as Classes/Objects, Encapsulation, Inheritance, Polymorphism, Abstract classes/methods, Interfaces, etc were taught by me.

- **HOLDING A C++ ALGORITHMIC PROGRAMMING COURSE (2019)**

I held a C++ algorithmic course for undergraduate students. over 25 students attended this course. In this course, some useful concepts such as vectors, maps, multimaps, sets, multisets, stacks, queues, priority queues, etc were taught by me.

- **TEACHING ASSISTANTSHIPS (TA)**

During my student years, I was teaching assistant in following cases

- Fundamentals of Computer & Programming
- Advanced Programming
- Data Structures

PROJECTS ON GITHUB

- **MOVIE RECOMMENDATION SYSTEM(SHAHID BEHESHTI PROJECT OF COMPUTER PROGRAMMING)**

This [project](#) is about a movie recommendation system that offer its users several movies based on their preferences. I implemented a clean functional code using vector, map, set and other required data structures in C++ language.

- **CRUEL WAR(SHAHROOD PROJECT OF COMPUTER PROGRAMMING)**

This [project](#) is about a war between two users. Each user has 6 pieces to play, each with a different direction to attack. I implemented this project in Java language using Object Oriented concepts (encapsulation, inheritance, etc)

- **HARAN WAR(SHAHID REJAEI PROJECT OF COMPUTER PROGRAMMING)**

This [project](#) is about wars between countries and has been implemented in C++ language using object-oriented programming concepts such as classes/objects, encapsulations and map data structure.

- **TIC-TAC-TOE**

I implemented [tic-tac-toe](#) in C++ language using functions. My [project](#) works for any dimensions, not just 3 * 3 grid.

- **MASTER MIND**

[Mastermind](#) is a puzzle game in which you try to solve a code, in as few attempts as possible. In this [project](#), I implemented a game similar to mastermind game in C language programming. I assumed the colors as numeric digits. The player has to guess this 4-digit number but has a few attempts to win the game.

- **TRELLO TOOL (EASY VERSION)**

[Trello](#) is a collaboration tool that organizes your projects into boards. This [project](#) in easy version has been implemented by me in C++ language using object oriented concepts such as classes/objects, encapsulations and data structures like vector.

PROGRAMMING

ACHIEVEMENTS

- [Ranked 19th](#) in 2020 ICPC Asia Tehran Regional Contest as “Ravens Jtime”
- Ranked 18th in Accept 5 Sajad University Programming Contest
- Ranked 5th in Bojnord University Programming Contest