

# Hossein Bidaki

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## ABOUT ME

I was born on April, 16, 2000. I have been fond of computers, technology and games and have started programming since I was 15. I enjoy learning, coding and gaining experiences.

I'm absolutely interested in Artificial Intelligence (AI), Machine Learning (ML) and the fields of working with data and analysis.

## SKILLS

- **Programming Languages**  
C, C++, C#, Java, Python
- **Software Development**  
Git, Agile Methodology, google Collab, Jupyter
- **Desktop Applications framework & libraries**  
PyQt5, Java FX, *Learning*: C++ Qt, familiar to C# windows form
- **Databases**  
SQL server

## CORE COMPETENCIES AND SKILLS

Competitor	Documentation	Agile and scrum
Problem solving ability	Analytical Thinking	Critical Time Management
Project planning and management	Responsible and honest	High team spirit and learning

## EXPERIENCES

- **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 Programing 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.
- **Performing freelance Projects (2019 – now)**  
I have done freelancing projects offered to me in Python, C ++ and Java.
- **+3 Years' experience in ACM ICPC Competition**  
The ICPC International Collegiate Programming Contest, known as the ICPC, is an annual competitive programming competition among the universities of the world.
- **Ravens (2018 - 2022)**  
**Member of ICPC club**  
A club for Bojnourd University students who like to develop their skills in algorithms and team working for ACM competitions.

## EDUCATION

- **Bachelor Degree OF Computer Engineering**  
3th rank, Gpa: 4 2018-2022
- **High School diploma in Mathematics and Physics**  
2014-2018

## TEACHING ASSISTANTSHIPS

- **Data Structure** 2019
- **Advanced Programming** 2019

## COURSE PROJECT

### Identify abnormal data to find crawlers and intrusions from the log server using machine learning algorithms(2022)

The final bachelor project in collaboration with parisa.mqdm@gmail.com

### School Management System(2021)

Software Engineering Laboratory Course Project.

### Socket Programing(2020)

Implement a chat project between two computer networking systems course projects.

### Implement the game 8 puzzles(2019)

8 puzzle game that solves puzzles in different modes with A\* and DFS algorithms Data structure course project.

### Implement memory game (2018)

Advanced programming course project

## PROGRAMMING CONTEST ACHIEVEMENTS

- Ranked 19<sup>th</sup> in 2020 ICPC Asia Tehran Regional Contest
- Ranked 5<sup>th</sup> in Bojnurd University Programming Contest
- Ranked 12<sup>th</sup> in Accept5 Sajad University Contest

## Languages

- Persian
- English