

Narges Sodeifi



[narsan](#)



[narges-sodeifi](#)



[narsan.github.io](#)



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Undergraduate computer engineering student. Accepting and struggling to find solutions to problems is one of my interests. I am passionate about science, team work, and learning new subjects.

Research interests

- Artificial intelligence, Sports applications, Data bases

Education

- **High School Diploma**
Sotoudeh High School – Tehran, Iran (2014–2018)
- **Bachelor of Science: Computer Engineering**
Amirkabir University of Technology – Tehran, Iran (2018- 2022(Expected))

Skills

- Programming languages: Python, Java, C, MySQL
- Hardware description languages: VHDL, Verilog
- Familiar with: C++, JavaScript, Assembly language

Languages

- Persian (Native)
- English (Full professional proficiency)

Notable Projects

- **Library Management System Database:** A library system with many features with a backend written in MySQL language and a user interface written in Python. (Fall 2020)
- **Color Sudoku:** A color sudoku is simply a sudoku with color conditions: Cells which stand next to each other should have different colors. This Java code will solve color sudokus using AI algorithms such as forward checking, back tracking and MRV (Minimum Remaining Values). (Fall 2020)
- **Find Poet:** An NLP Project implemented in Python. There are Three poets: Hafez, Sadi and Molavi with their poems. This program can find the poet based on their language model using unigram and Bigram also uses a backoff model to improve final probability.
- **Jpotify Music Player:** Jpotify is a music player written in Java that has extra features besides playing songs. It lets you make playlists and add or remove songs. It automatically arranges the albums and can show lyrics to any song. It uses a TCP connection that lets you connect to other users and share songs or playlists. (Spring 2019)

Additional Information

- Microprocessor Teacher Assistant (Present)
- Teenglish (a private English group) Instagram page designer (2020)
- Certified in CEH (Certified Ethical Hacker) from [Maktabkhooneh](#)
- Certified in Front-End web development from [Quera](#)

Last update on April 11,2021

For additional information
please visit [narsan.github.io](#)