

Narges Sodeifi

Undergraduate computer engineering student. Passionate about science, research, team work, and learning new subjects. Also, a sport enthusiast!

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 backend written in MySQL language and user interface written in Python. (Fall 2021)
- **Color Sudoku:** A color sudoku is simply a sudoku with color conditions: Cells which stands next to each other should have different colors. This Java code will solve color sudokus using AI algorithm such as forward checking, back tracking and MRV (Minimum Remaining Values). (Fall 2021)
- **Find Poet:** An NLP Project implemented in Python. There are Three poet: Hafez, Sadi and Molavi with their poems. This program can find the poet based on their language model using unigram and bigram also use 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](#)