

# Raeen Askari

raeen.askari8001gmail.com | +98-996-638-2071 | LinkedIn | GitHub | Telegram: @MrSigrun

## EDUCATION

- **Bachelor of Science in Computer Science**, University of Tehran, Iran 2023 – present
  - GPA: 3.40 / 4.00
  - Relevant Courses: Data Structures, Algorithms, Operating Systems

## ASSISTANT TEACHING EXPERIENCE

- **Teaching Assistant – Data Structures**, University of Tehran 2025 – present
  - Conducted sessions and tutorials for undergraduate students
  - Assisted in grading assignments and exams

## SKILLS

- **Programming Languages:** C++, Python, C
- **Technologies / Tools:** Git, GitHub, Docker, VS Code
- **Areas:** Algorithms, Data Structures, Operating Systems, Competitive Programming

## PROJECTS

- **XV6-Project** – An extended version of the xv6 operating system with added features.  
[github.com/SadeghHeydari/XV6-Project](https://github.com/SadeghHeydari/XV6-Project)
- **CPU-Scheduling-Simulation** – CPU scheduling simulator in C++ with FCFS, SJF, and Round Robin.  
[github.com/SadeghHeydari/CPU-Scheduling-Simulation](https://github.com/SadeghHeydari/CPU-Scheduling-Simulation)
- **Synchronization-Problem-TA-Student-Simulation** – C++ simulation of the Sleeping TA synchronization problem.  
[github.com/SadeghHeydari/Synchronization-Problem-TA-Student-Simulation](https://github.com/SadeghHeydari/Synchronization-Problem-TA-Student-Simulation)
- **Mega Knight Balloon Clash Royale Deck Simulator** – Simulated game mechanics for strategy testing  
[github.com/SadeghHeydari/Synchronization-Problem-TA-Student-Simulation](https://github.com/SadeghHeydari/Synchronization-Problem-TA-Student-Simulation)
- **Sudoku-Solution-Validator** – A tool (in code) that checks whether a completed Sudoku board is valid.  
[github.com/SadeghHeydari/Sudoku-Solution-Validator](https://github.com/SadeghHeydari/Sudoku-Solution-Validator)