Abolfazl **Soltani**

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Education

Sharif University of Technology   *Tehran, Iran*
B.Sc. in Computer Engineering   *September 2020 - Present*
- Current GPA: 19.09/20.00

Allameh Helli 10   *Tehran, Iran*
Diploma in Mathematics & Physics   *September 2017 - June 2020*
- GPA: 19.73/20.00

Honors & Awards

2022	**50th Place**, ICPC World Final	*Bangladesh*
2021	**Winner**, ICPC Regional Contest, Tehran Site	*Iran*
2020	**Silver Medal**, International Olympiad in Informatics	*Singapore*
2020	**Gold Medal**, Asia-Pacific Informatics Olympiad	*Indonesia*
2019	**Silver Medal**, Asia-Pacific Informatics Olympiad	*Russia*
2019	**Gold Medal**, Iranian National Olympiad in Informatics	*Iran*
2018	**Silver Medal**, Iranian National Olympiad in Informatics	*Iran*

Research Intereset

Algorithms & Complexity   Combinatorial Optimization   Algorithmic Graph Theory

Experience

Max Planck Institute for Informatics   *Saarbrucken, Germany*
Research Assistant Intern   *July 2024 - September 2024*
- Research on solving linear programming in a streaming setting.
- Research on solving online interval scheduling problem with predictions
- Host: Dr. Andreas Karrenbauer, Golnoosh Shahkarami

Hong Kong University of Science and Technology   *Clear Water Bay, Hong Kong*
Research Assistant Intern   *July 2023 - September 2023*
- Research on finding upperbound for tree-depth of control flow graphs
- Host: Prof. Amir Goharshady

Sotoon   *Tehran, Iran*
Software Engineer   *July 2022 - July 2024*
- Collaborated with a team of software engineers to develop and maintain cloud computing solutions using Golang and Django frameworks.
- Designed and implemented software features and enhancements to improve system performance and user experience.

Iranian National Olympiad in Informatics Committee   *Tehran, Iran*
Scientific Member   *September 2020 - Now*
- I was Iran's team leader at the International Olympiad in Informatics 2024, with additional responsibilities including designing exams to select talented students and conducting preparation camps.

Farzanegan Highschool   *Tehran, Iran*
Algorithm & Programming Instructor   *September 2020 - June 2021*
- Educated and mentored high school students preparing for the National Olympiad in Informatics on algorithms.
- Created lesson plans and curriculum to guide students through the learning process.

Skills

Programming Languages Python, Golang, C++, and Java.
Algorithms and Competitive Programming as IOI and ICPC awards suggest
Software Engineering object-oriented design patterns and other development methodologies.