

AmirReza PourAkhdavan

International Competitive Programming Coach

in arpa

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Teaching Experience

International Training Camps

2023 - Present

Syrian IOI Training Camp

2023

Trained the Syrian team for the IOI

Damascus, Syria

Uzbekistani ICPC Training Camp

2023

Conducted a 10-day camp for students competing in the ICPC semi-finals

Online

Azerbaijani IOI Training Camp

2024

Trained the Azerbaijani team for the IOI

Online

OCPC Camp

2024

Led problem-solving sessions for teams preparing for the ICPC World Finals

Osijek, Croatia

GoForGold

2024 – 2025

GoForGold mission is to empower India in competitive programming

India

Coached teams going to ICPC World Finals in GoForGold Winter Camp 2024, New Dehli, India

Coached students going to IOI in GoForGold IOI Camp 2025, Online

Coached teams going to ICPC World Finals in GoForGold Summer Camp 2025, Pune, India

Iran National Olympiad of Informatics (INOI)

2019 - Present

The INOI Summer Camp is the final stage of the INOI program, where students undergo intensive training and take final exams to determine medalists. The camp spans two months.

Tehran, Iran

- **Summer Camp Director** – INOI Summer Camp (2024)
- **Programming Class Director** – INOI Summer Camp (2023, 2024)
- **Algorithms and Data Structures Instructor** – INOI Summer Camp (2019 - Present)
- **Algorithms and Data Structures Instructor** – INOI Team Selection Camp for IOI (2019, 2022, 2023)

Yazd University

2025

Lecturer

Yazd, Iran

Design and Analysis of Algorithms

Other Teaching Experiences

2016 - Present

Instructor for Algorithms and Data Structures

Various high schools, universities, and national training programs

Trained over 300 students, including 7 IOI Gold Medalists

Delivered over 2000 hours of teaching

Competitive Programming

Solved 5k+ problems

Presenter at ICPC CLIS 2019 (Porto, Portugal), 2020 (Online), and 2021 (Moscow, Russia)

ICPC 2019-2020

Asia Regional - Tehran Site
ICPC World Finals, Moscow

Gold Medal
High-Honored Place (24th), Asia-West Runner-Up, Top 0.03% of 200k programmers worldwide

ICPC 2018-2019

Asia Regional - Tehran Site	Silver Medal
Asia Regional - Lahore Site	Gold Medal
ICPC World Finals, Porto	62nd place

Other Competitions

Baltic Olympiad of Informatics 2020 Mirror Contest	1st place (Full Mark Score) among 1.2k participants worldwide
Codeforces LATOKEN Round 1	39th place
Codeforces Global Round 3	68th place
Meta HackerCup 2021	116th place
Reply Code Challenge 2025	9th place
June Cook-Off 2019	12th place
Iran CodeCup 2018	3rd place
Iran CodeCup 2021	3rd place
Digikala SuperCup 2022	3rd place
ICTChallenge 2022	3rd place
Computer Science Master Degree National Exam	13th place

Problem Setting

Involved in preparation of over 1500 problems

Codeforces

- **Contest Coordinator** (2022 – 2023)
- Contest co-Coordinator (Past)
- Tester for approximately 30 rounds on Codeforces
- Author of Rounds #383, #432
- Author of one of the highest-rated editorials on Codeforces

LeetCode

Contest Coordinator

2023 – 2024
CA, US (Remote)

ICPC Asia West Continent Championship

Judge

2025

Africa and Arab Collegiate Programming Contest (ACPC)

Judge

2021 – 2022
Cairo, Egypt (Remote)

European Girls Olympiad of Informatics (EGOI)

Judge and Scientific Committee Member

2022
Antalya, Turkey

European Junior Olympiad of Informatics (EJOI)

Problem Setter

2025
Sofia, Bulgaria (Remote)

Balkan Olympiad of Informatics (BOI)

Problem Setter

2025
Udine, Italy (Remote)

ICPC Tehran Regional Contest

Judge

2023 – Present
Tehran, Iran

Turkish Olympiad of Informatics

Problem setter

2022
Turkey (Remote)

HackerEarth

- **Contest Coordinator** (2019 – 2022)
- Organized three contests per month
- Managed problem authors, advised contributors, tested problems, and wrote editorials
- Problem Setter and Editorialist for IndiaHacks Finals 2017
- Editorialist for IndiaHacks Second Elimination 2017
- Problem Setter for October 2018 Easy

TopCoder

Editorialist, Tester and Author of rounds #753, #767, #787, #803

2020 – 2021
IN, US (Remote)

Iran National Olympiad of Informatics (INOI)

Author of final and training contests in Summer Camp and Team Selection Camp

2018 – 2020
Tehran, Iran

CodeChef

Author and Tester of three contests

2017 – 2018
Bangalore, India (Remote)

Quera

Contest Coordinator

2017 – 2018
Tehran, Iran

Work Experience

AlgoritmiAcademy

Founder

2023-Present
Iran

We are a dedicated team of Iranians passionate about sharing our experience in competitive programming. We advocate for personalized private classes with smaller groups, recognizing that everyone has a unique learning style and pace. Our educators are not only experienced but also adept at tailoring their methods to best suit each student. With backgrounds in both competing and coaching at the Iranian and International Olympiads in Informatics (IOI), we have witnessed the profound impact competitive programming can have on an individual. To date, we have organized several camps and private sessions, including:

A camp in Croatia for students participating in the ICPC World Finals,
Two camps in India for the top Indian teams.
An online camp for the Azerbaijan IOI Team,
An online camp for Uzbekistan students competing in the ICPC semi-finals,

Mahsan

Team lead

2020-2023
Tehran, Iran

Algorithm Design, C++, Network.

In the role, I was responsible for optimizing the code and algorithms.

There was a program that should've been able to run on huge amounts of data per second, so it should be optimized enough.

Education

Master's in Algorithms and Computations

Sharif University of Technology

Thesis: Network Optimization on Paired Peer Nodes

2021 – 2023
Tehran, Iran

Bachelor's in Computer Science

Amirkabir University of Technology

GPA: 17.85/20 (Rank: 2/55)

2017 – 2021
Tehran, Iran

Coursework

Basics of Programming	20/20
Advanced Programming with C++	20/20
Data Structures	17/20
Designing Algorithms	20/20
Computational Geometry	20/20
Combinatorics	20/20
Graph Theory	17.5/20

Recommendations

Leen Qasem

Manager of Syrian Olympiads

I highly recommend Mr AmirReza for his outstanding work in preparing our international team for the IOI 2023. His deep expertise, coupled with his ability to simplify complex concepts, made a significant impact during our training camp. AmirReza tailored his approach to meet the needs of each participant, building confidence and fostering a strong problem-solving mindset.

Thanks to his guidance, our team developed both the technical skills and resilience required for success on the international stage. AmirReza is not only a skilled trainer but also an inspiring mentor. We're grateful for his contribution to our IOI journey.

Khalid Abdalnasser

ACPC Cheif Judge

Amir worked with me in preparing the problem set for ACPC (Arab and Africa Programming Championship) for the years 2021 and 2023 for which I was the Chief Judge of the contest.

Amir is an amazing problem setter and judge, the problems he brings are of top quality, and when he works on preparing a problem, his contributions are of the best quality I have ever seen.

Amir can easily generate the hardest corner cases to find, and can reason about the most complicated algorithmic solutions, and those two qualities helped me prepare for these contests a great deal.

Harshit Mehta

Topcoder

Amir is somebody we could always rely on at Topcoder. He had all the passion and energy for the competitive programming community and he greatly contributed to it as well in the form of educational/fun problems, content and by always being available for helping and guiding other members.