

# Mohammad Mahini

## PERSONAL INFORMATION

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Birthday: Aug. 19 1987

Email: [m\\_mahini@ce.sharif.edu](mailto:m_mahini@ce.sharif.edu) , [m.mahini@gmail.com](mailto:m.mahini@gmail.com)

## RESEARCH INTERESTS AND ACTIVITIES

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- Algorithms, Approximation algorithms.
- Graph Theory and Combinatorics.
- Combinatorial Optimization.
- Algorithmic game theory.
- Bioinformatics.
- Urban Traffic Modeling.

## AWARDS AND HONORS

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- Silver Medal in the 13th Iranian Informatics Olympiad, Iran, 2003.
- Gold Medal in the 14th Iranian Informatics Olympiad, Iran, 2004.
- Silver Medal in the 17th International Olympiad in Informatics, Poland, 2005.
- Second place in the Sharif Internal ACM Contest, together with K. Mirjalali and H. Ahmadinejad, Tehran, Iran, 2006.
- Second place in the Asia Regional ACM Contest and rising to the Final Competitions, together with K. Mirjalali and H. Ahmadinejad, Tehran, Iran, 2006.
- First place in the Sharif Internal ACM Contest, together with K. Mirjalali and S. Oveisgharan, Tehran, Iran, 2007.
- 4th place in the Asia Regional ACM Contest and rising to the Final Competitions, together with K. Mirjalali and S. Oveisgharan, Tehran, Iran, 2007.
- 14th place in the World Final ACM Contest, together with K. Mirjalali and H. Ahmadinejad, Tokyo, Japan, 2007.

## PUBLICATIONS

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- Combinatorial Optimization & Linear Programming in Persian script (Draft Edition).
- Beautiful problems in Dynamic algorithm in Persian script (Draft Edition).

## EDUCATION

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- 2005-now: BS in Computer Engineering, Department of Computer Engineering, Sharif University of Technology, Tehran, Iran.  
My average mark is 17.35/20.0.
- 2001-2005: Diploma in mathematics and physics, Shahid Soltani High School, Karaj, Iran.

## EXPERIENCES

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- Research in Institute for Studies in Theoretical Physics and Mathematics (IPM),  
Computer  
Science Department, 2005-now.
- Teaching courses for Iranian Informatics Olympiad Teams.
- Teaching Assistant,
  - Discrete Mathematics, Spring 2007.
  - Discrete Mathematics, Spring 2008.

## PROFESSIONAL MEMBERSHIPS

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- Member of the National Informatics Olympiad Students Committee, 2006-now.
- Member of the National Informatics Olympiad Committee, 2007-now.
- Director of the National Informatics Olympiad Students Committee, 2007.
- Member of Young Scholars Club (The Iranian Olympiad organization), 2003-now.
- Member of The Iran National Elite Institute, 2006-now.
- Member of Scientific Student Society, Computer Department of Sharif University of  
Technology, 2006-2007