

Hamed MAHDAVI

PERSONAL DATA

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RESEARCH INTERESTS

- Machine Learning
- Social Network Analysis
- Natural Language Processing
- Statistical Learning Theory

EDUCATION

CURRENT SEP 2017 Master of Science in COMPUTER ENGINEERING,
Sharif University of Technology, Tehran, Iran
Major: Artificial Intelligence
Thesis: On Learnability of Social Networks | Supervisor: Prof. Hamid Beygi
GPA: 18.23/20

SEP 2012 Bachelor of Science in COMPUTER ENGINEERING,
Sharif University of Technology, Tehran, Iran
Major: Software Engineering
Thesis: "A Survey On Speech Enhancement Algorithms"
Supervisor: Prof.Hosseini Sameti
GPA: 15.7/20

JULY 2011 Mathematical Olympiad Summer Set,
Young Scholars Club

WORK AND ACADEMIC EXPERIENCE

AUG 2018-CURRENT | Research Intern at MAX PLANCK INSTITUTE, Saarbrücken, Germany
The Max Planck Institute for Software Systems (MPI-SWS) is a computer science research
institute co-located in Saarbrücken and Kaiserslautern.

JUL-SEP 2017 | Summer Intern at FARAGOSTAR, Tehran
Fragostar is a leading developer of office automation applications and financial man-
agement software in Iran.

OCT 2012-APR 2013 | Mathematical Olympiad Teacher at ALLAMEH HELLI HIGHSCHOOL, Tehran
Allameh Helli is an outstanding talent school in Iran and I was a mathematical olympiad
courses teacher for Number theory.

HONORS AND AWARDS

- JUNE 2017 Ranked 5th in the Artificial Intelligence field, 2nd in the Networks and Security field and 4th in the IT field of nationwide MSc entrance exam
- JUNE 2012 Ranked 217th in Iran National Universities Entrance Exam among 300K+ students
- SEPT. 2011 Silver Medal, in 29th Iranian National Mathematical Olympiad

TEACHING ASSISTANCE EXPERIENCE

- SPRING 2017 Operating Systems Lab (Prof. Beygi)
Sharif University of Technology, Tehran, Iran
- SPRING 2017 Signals and Systems (Prof. Sameti)
Sharif University of Technology, Tehran, Iran
- SPRING 2016 Multimedia Systems (Mahdi Amiri)
Sharif University of Technology, Tehran, Iran
- SPRING 2015 Design and Analysis of Algorithms (Prof. Ghodsi)
Sharif University of Technology, Tehran, Iran
- SPRING 2015 Data Structures and Algorithms (Prof. Ghodsi)
Sharif University of Technology, Tehran, Iran

RELATED COURSES

- GRADUATE: Stochastic Processes, Speech Processing, Algorithmic Game Theory, Statistical Learning Theory, Probabilistic Graphical Models, Computational Geometry
- UNDERGRADUATE: Design and Analysis of Algorithms, Signal Processing, Discrete Structures Probability and Statistics, Data Structures and Algorithms,

COMPUTER SKILLS

- Programming : Java, Scala, Python, C#, Matlab, R
- Web : HTML, CSS, JavaScript, Django, Play Framework, AngularJs, Bootstrap
- Tools : Numpy, Scikit-Learn, Spark, Akka, Elasticsearch
- DB : PostgreSQL, MongoDB
- OS : Windows, Ubuntu
- Version Control : Git
- Word Processor : \LaTeX , Microsoft Word

LANGUAGES

- PERSIAN: Mother tongue
- ENGLISH: Fluent
- ARABIC: Basic Knowledge

INTERESTS AND ACTIVITIES

Guitar, Badminton, Melodica, Reading Books, Movies, Social Sciences