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.Hossein 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** Faragostar is a leading developer of office automation applications and financial management 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: Mothertongue
English: Fluent
Arabic: Basic Knowledge

Interests and Activities

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