

Taha Hamedani

CONTACT INFORMATION	Room 805 Robot Perception Lab Department of Computer Engineering Ferdowsi University of Mashhad Mashhad, Khorasan Razavi State, Iran	<i>Date of Birth:</i> March 21th 1998 <i>Citizenship:</i> Iranian <i>Cell-Phone:</i> +989374579608 <i>Homepage:</i> taha.hamedani.student.um.ac.ir <i>E-mail:</i> taha.hamedani@stu-mail.um.ac.ir taha_hamedani@yahoo.com
RESEARCH INTERESTS	Robotic Vision, Markov Random Field in Computer Vision, Image Processing, RGB-D Image Segmentation, Machine Learning, Algorithmic Problem Solving, Pattern Recognition, Soft Computing	
EDUCATION	Ferdowsi University of Mashhad, Mashhad, Iran M.S. Artificial Intelligence 2011 - Now Thesis Topic: <i>RGB-D Image Segmentation Using Markov Random Field</i> GPA: 18.55 out of 20 Adviser: Dr. Ahad Harati Ferdowsi University of Mashhad, Mashhad, Iran B.S. Computer Engineering, Software Engineering, 2007 - 2011 Thesis Topic: <i>An Ant Colony Optimization Approach to a Grid Workflow Scheduling Problem</i> GPA: 17.37 out of 20 (last two years GPA: 18.20/20) Adviser: Dr. Saeid Abrishami Shahid Beheshti High School, (Affiliated with the National Organization for Development of Exceptional Talents), Semnan, Iran Elementary School, High School and Pre College, Mathematics and Physics Diploma 2000 - 2007 GPA: 18.58 out of 20	
JOURNAL PUBLICATIONS	T.Hamedani, A.Harati. "RGB-D Image Segmentation Using Conditional Random Field and Consecutive Frames Cliques." (<i>Prepared but has not yet been submitted</i>)	
CONFERENCE PUBLICATIONS	T.Hamedani, A.Harati. "Multi Scale CRF Based RGB-D Image Segmentation Using Inter Frames Potentials." <i>International Conference on Robotics and Mechatronics (ICRoM 2014)</i> T.Hamedani, M.Yaghouti, A.Harati. "Trilateral Filtering of Range Images Using Normal Inner Products." <i>International Conference on Robotics and Mechatronics (ICRoM 2014)</i> M.Yaghouti, V.Kiani, T.Hamedani, A.Harati. "Depth Image Compression Us-	

ing Geometrical Wavelet.” *conference of Information, Knowledge and Technology (IKT 2014)*

AWARDS

- Awarded 1st place of Artificial Intelligence group computer engineering Department. Jun.2013
- 5th Place of ACM-ICPC Asia regional Tehran site as coach university of Tehran. Dec.2011
- Accepted for M.Sc Artificial intelligence program as Exceptional Talents in Ferdowsi university of Mashhad (without entrance exam).Ferdowsi university of Mashhad (without entrance exam). Oct.2011
- Awarded 5th place of computer engineering-software engineering Student By university president. Oct.2011
- 1st Place in Ferdowsi University ACM/ICPC Programming contest.May.2011
- Awarded 3rd place of computer engineering-software engineering Student By university president. Jan.2009
- 4th Place in Ferdowsi University ACM/ICPC Programming contest.Apr.2008
- Accepted in NODET(National Organization for The Development of Exceptional Talents) entrance exam for high school. Sep.2003
- Accepted in NODET(National Organization for The Development of Exceptional Talents) entrance exam for elementary school. Sep.2000

EXECUTIVE EXPERIENCES

- Judge and problems setter of Ferdowsi University of Mashhad ACM/ICPC, Hashemi Nejad1 High school, and FCPC For about 20 programming contests. Sep.2013
- Member of Scientific Committee and Supervisor Committee ACM/ICPC of Scientific Society of Computer Students of Ferdowsi university of Mashhad. sep.2013
- Head of Scientific Committee ACM/ICPC of Scientific Society of Computer Students. Sep.2012
- Member of central Committee and competition Committee ACM/ICPC of Scientific Society of Computer Students of Ferdowsi university of Mashhad. Sep.2011
- Member of competition and scientific Committee ACM/ICPC of Scientific Society of Computer Students of Ferdowsi university of Mashhad. Sep.2010 , Sep.2009
- Elected member of the Students Scientific Chapter of computer engineering Department of Ferdowsi university of Mashhad. Sep.2010

TEACHING EXPERIENCE

Computer and Math Department of Hashemi Nejad 1, Mashhad, Iran

Instructor

Juan 2013 to September 2013

Teaching Problem Solving and Programming for INOI Computer Olympiad Candidate Students in Mashhad NODET High School

Problem solving, Programming and algorithm design

TEACHING
ASSISTANCE

- Adv. Artificial Intelligence **September (2012, 2013), January 2014**
Department of Computer Engineering , Ferdowsi University of Mashhad
(M.sc Students), Instructor : [Dr.Ahad Harati](#)
- Artificial Intelligence **September 2013, January 2014**
Department of Computer Engineering , Ferdowsi University of Mashhad
(B.sc Students), Instructor : [Dr.Ahad Harati](#)
- Robotics **January 2012**
Department of Computer Engineering , Ferdowsi University of Mashhad
(B.sc Students), Instructor : [Dr.Ahad Harati](#)

WORKING
EXPERIENCES

- [Arsheet Intelligence Robotic Group](#) **2011-2012**
Software developer of auto judge deminer project which was prepared for
PNU Robotic contest.
- [Information Technology Services Center \(ITS\)](#) **2010-2011**
Member Of Developing Team Of Information Technology Services Center Of
Ferdowsi University Of Mashhad (ITS) as summer Internship.

LANGUAGE
SKILLS

- English: Fluent, (TOEFL iBT and GRE will be added soon).
- Persian : Mother tongue.

SKILLS

Programming languages
Expert: C/ C++/ C# / Java/ PHP/ Matlab/ SQL
Familiar: Python/ Prolog/ ASP/ LISP/ JavaScript/ AVR

App/Tools/Platforms/OS
MS Word/ L^AT_EX
MeshLab/ Webots/ OpenGL/ OpenCV/ WXwidget/ aforg
Linux (Ubuntu)/ Microsoft Windows/ Mac osX
Oracle/ VS/ Eclips/ PC2

HOBBIES

Swimming, Table Tennis, Cycling

REFERENCES
AVAILABLE TO
CONTACT

Dr. Ahad Harati (e-mail: a.harati@um.ac.ir)

- Assistant Professor, Computer Engineering Department
Ferdowsi University of Mashhad
- ★ *Dr. Harati is my current M.Sc adviser.*

Dr. Saeid Abrishami (e-mail: s-abrighami@um.ac.ir)

- Assistant Professor, Computer Engineering Department
Ferdowsi University of Mashhad
- ★ *Dr. Abrishami was my B.Sc adviser.*

Dr. Hadi Sadoghi Yazdi (e-mail: h-sadoghi@um.ac.ir)

- Associate Professor, Computer Engineering Department
Ferdowsi University of Mashhad

Dr. Mohammad_R Akbarzadeh_T (e-mail: akbazar@um.ac.ir)

- Professor, Computer Engineering and Electrical Engineering Department
Ferdowsi University of Mashhad