



**Seyed Hadi Aghdasi Alamdari (Hadi S. Aghdasi)**

Assistant Professor of the Department of Computer Engineering

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→ **Administrative and Management Background:**

- Head of the Department of Computer Engineering, May 2018 until Now
- Director and Head of the Humanoid Robots and Cognitive Technology research lab. (HRCT), Jan. 2016 until Now
- Director and Head of the Wireless Ad hoc and Sensor networks research Lab. (WASL), Jan. 2014 until Now
- Internal Manager of Tabriz Journal of Electrical Engineering, Dec. 2015 until Dec. 2017
- Member of Technology Board of Road Accident Management and Prevention Research Center, Oct. 2019 until Now

→ **Educational Background:**

- **B.Sc.:** Computer Engineering, Sadjad University of Technology, Mashhad, Iran, 2006
- **M.Sc.:** Computer Engineering, Shahid Beheshti University, Tehran, Iran, 2008

- ◆ **Ph.D.:** Computer Engineering, Shahid Beheshti University, Tehran, Iran, 2013

→ **Awards and Honors:**

- ◆ First Place in Computer Engineering Doctoral Entrance Exam, Shahid Beheshti University, Tehran, Iran, 2008
- ◆ Top Student Award in MSc Degree, Shahid Beheshti University, Tehran, Iran, 2008
- ◆ Top Student Award in BSc Degree, Sadjad University of Technology, Mashhad, Iran, 2006

→ **Abilities and Proficiencies:**

- ◆ Humanoid Robots in Surveillance and Rescue Systems
- ◆ Humanoid Robots and Computer-Human Interface in Cognitive and Assistive Systems
- ◆ Internet of Things (Healthcare, Medical, Vehicular)
- ◆ Visual Sensor Networks (Routing, Video and Image Transmission, Task Management) ◆ Intelligent and Evolutionary Algorithms

→ **Designed and Implemented Projects:**

- ◆ 3D Printed kid-sized Autonomous Humanoid Robot Open Platform for Research and Competition (ARC)
- ◆ Implementation of Exercise Activities on Humanoid Robot for Children with ASD Interventions
- ◆ Early Forest Fire Detection System based on Wireless Sensor Networks

→ **Teaching Courses:**

• **Graduate:** Optimization Theory; Advanced Computer Networks; Wireless and Mobile Networks; Approximation Algorithms; Multimedia Networks; Evolutionary Computing

• **Undergraduate:** Data Communication; Multimedia Systems; Computer Networks; New Concepts in Information Technology; Programmable Digital Systems Design; Introduction to Internet of Things

→ **Advising and Supervising Graduate Students:**

• Supervisor and Advisor of more than 12 Ph.D. Students • Supervisor and Advisor of more than 55 M.Sc. Students

→ **Publications:**

Published more than 40 Technical Journal and Conference Papers.

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