

CURRICULUM VITAE



Personal Information:

Name: **Farhad Goodarzi**

Date of birth: July 1981

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Education:

- **September 1995 - June 1999:**
High school diploma in *physics and mathematics*, Muallem High school, Tehran, Iran.
- **December 2000 - September 2004:**
B.Sc. University of Buali Sina, Computer engineering (Software), Hamedan, Iran.
- **September 2004 – January 2007:**
M.Sc., Azad University of Qazvin, Mechatronics Engineering, GPA: 17.10/20, first rank in the entrance examination in 2005, Qazvin, Iran.

- **April 2008 – March 2010:**
About two years work and research in Photogrammetric Engineering at Leibniz Universität Hannover, Germany
- **April 2012 – January 2016:**
Multimedia systems engineering graduate at UPM university in automatic facial emotion recognition.

Specific Qualifications:

- Experienced in working with Computer systems.
- Working with digital image processing systems and Computer vision.
- Familiar with Automotive Electrics/Electronics parts like Car sensors.
- Working and familiar with various robotic systems such as sweeper robot, ping pong robot.
- Working and familiar with various mathematical softwares we confront in our research projects such as C, C++, FPGA, Opencv, Visual C++, Mathematica, Matlab 2013.
- Experienced in working with Photogrammetric Softwares (ArcGIS, ArcView, Lisa-photo, Erdas).

Honors:

- 1st rank, in the in Entrance Examination of Masters degree in 2005 in Qazvin.
(Therefore I was honored and exempted from military service in Iran)
- 2nd rank among the entrance examination students of Mechatronics Engineering in Iran.

Research Experiences:

April 2005-to date:

Building a sweeper robot for international competitions in the Robotics lab of Mechanical Dept of Iran University of Science and Technology.

Working on building a Ping-Pong Robot in the Mechatronics research lab of Azad University of Qazvin. (Funded by MRL)

Designing software for automating the processing steps of a structured light and 3D reconstruction system by Microsoft visual c#. (Master's Thesis)

Working in developing Face Recognition and Face emotion recognition systems using Matlab, OpenCV and Visual C++ (Ph.D. work)

Reviewer at:

Journal of applied soft computing (ISI),

Journal of IEEE Access (ISI),

ICSIPA conferences (IEEE International Conference on Signal and Image Processing Applications)

Papers:

Farhad Goodarzi, Shahriar Shokouhi, Solving the Correspondence Problem and 3D Reconstruction for Coded Structured-Light System, IEEE The Sixth International Conference on Information, Communications and Signal Processing (ICICS 2007).

Farhad Goodarzi, M. Iqbal Saripan. Real time Face pose estimation using geometrical features. 2015 IEEE International Conference on Signal and Image Processing Applications (IEEE ICSIPA 2015). Kuala Lumpur, Malaysia.

Farhad Goodarzi, M. Iqbal Saripan, Mohd Hamiruce Marhaban, Fakhrol Zaman bin Rokhani. Mixed emotions in multiview face emotion recognition. 2017 IEEE International Conference on Signal and Image Processing Applications (IEEE ICSIPA 2017).

Farhad Goodarzi, M. Iqbal Saripan, Mohd Hamiruce Marhaban, Fakhrol Zaman bin Rokhani. Real time facial expression recognition in the presence of rotation and partial occlusions. at Journal of Theoretical and Applied Information Technology.

Work experience:

2006-2007:

Production manager Partonab Elec Co, Tehran Iran ,Automobile Rpm speed sensor manufacturing manager.

2007-2008:

Sales EngineerTima company (crowcon and Simtronics representative in Iran Tehran Gas Sensor sales and after-sales services and Sensor network implementations.

(www.crowcon.com, www.simtronics.eu)

2011-2012:

Sale engineer at Sense company specialized in power systems, Tehran, Iran.

2016-2017:

Teaching the Cambridge IGCSE at Ddiscover international school Kuala Lumpur, Malaysia.

Language Skills:

- Persian: Mother tongue
- English: Very good knowledge of speaking, reading and writing, (Toefl IBT 99/120)
- German: Good knowledge of Speaking, Reading, Writing
- French: Good knowledge speaking, writing, reading.

Hobbies and Interests:

- Reading
- Music and Photography
- Sports