

Curriculum Vitae

- **Personal Information:**

- Name: Arash Abadpour.
- Date of Birth: August 26, 1978 (Iran, Tehran)
- Address: 3rd floor, West Flat, No. 23, Sarv Ave., Motahari St., Karaj, IRAN
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- **Academic Qualifications:**

- 1991–1995 Exceptional Talents high school (Shahid Soltani) Karaj.
- 1996–2002 BS. Student in Sharif University of Technology, Electrical Engineering School (Control).
- 2002 MSc. student in Sharif University of Technology, Mathematics Science School (Scientific Computation).

- **Research interests:**

- Image Processing (Object Detection, Gait Analysis, Medical image processing), Vision, Color Image Processing.

- **Skills:**

- Professional Programming in: C++, Borland Delphi, Microsoft Visual C++, Borland C++ Builder.
- Windows Programming, OpenGL.
- Matlab.
- Microprocessor Programming (MCS51-MCS196), PLC Programming (OMRON, SIEMENS, MOLLER), Electronic Board Designing (Protel), Industrial Automation.

- **Awards:**

- To win silver in the National Mathematics Olympiad (1995).
- To win silver in the National Computer Olympiad (1995)
- To be the 234th in the national university entrance exam (1996).
- To be the 5th in the national MSc. Exam for computer engineering(AI) (2002).
- To be the 11th in the national MSc. Exam for computer science (2002).

- To be the 4th in the 7th National MSc. Students Olympiad (2002).
- **Community Activities:**
 - Member of the first National Student Conference on Electrical Engineering execution team (1998).
 - To be expert for allexperts.com, Delphi and Computer Science branches.
- **Publications:**
 - Thesis:
 - (1) “*Image Processing IDE*”, 2001-2002, Sharif University of Technology , Electrical department BS. thesis, B. Vosoughi Vahdat (PhD)
 - Technical Reports:
 - (1) Amirfazli Ali, Khoshi Kamran, Yadollahi Azadeh, Abadpour Arash, “*Converting Industrial Drawings Type A to Type E from Non-Vector Form to Vector Form*”, Research Proceedings, Sharif University of Technology 1999- 2000, pp. 25-36.
 - (2) Narimani Roya, Bashiri Gholam Reza, Abadpour Arash, “*Gait Analysis by Image Processing*”, Research Proceedings, Sharif University of Technology 1999-2000, pp. 187-195.
 - Conference Papers:
 - (1) R. Narimani, F. Farahmand, G. Bashiri, A. Abadpour, “*Developing a system for cinematic measurement of body movements by imaging*”, In the 5th Iranian Congress of Medical Physics (ICMP), Tehran, Iran, 2002, pp. 99-100.
 - (2) A. Abadpour , A. Yadollahi ,”*Developing a Software Platform to Use Anaglyph Glasses for 3D Visualization*”, National Computer Conference (NCC2003), Mashhad, Iran, 2003.
 - (3) A. Abadpour and S. Kasaei. “*A New Parametric Linear Adaptive Color Space and its PCA-based Implementation*”. In The 9th Annual CSI Computer Conference, CSICC, volume 2, Pages 125-132, Tehran, Iran, Feb. 2004.
 - (4) A. Abadpour and S. Kasaei. “*Performance Analysis of Three Likelihood Measures for Color Image Processing*”. In International Workshop on Computer Vision, IPM, Tehran, Iran, April 2004.
 - (5) A. Abadpour and S. Kasaei. “*New PCA-based Compression Method for Natural Color Images*”. In International Workshop on Computer Vision, IPM, Tehran, Iran, April 2004.
 - (6) A. Abadpour and S. Kasaei. “*A New Principle Component Analysis Based Colorizing Method*”, In the 12th Iranian Conference on Electrical Engi-

neering, ICEE2004, Mashhad, Iran, May 2004.

- (7) A. Abadpour and S. Kasaei. “*A New Fast Fuzzy Color Transfer Method*”, submitted to the 4th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT 2004), December 18-21, 2004, Rome, Italy.

- Journal Papers:

- (1) A. Abadpour and S. Kasaei. “*New Principle Component Analysis-Based Methods for Color Image Processing*”. Elsevier Science, Visual Communication & Image Representation (submitted), 2004.
- (2) A. Abadpour and S. Kasaei. “*A New PCA-based Fast Fuzzy Segmentation Method for Color Images*”. Elsevier Science, Signal Processing: Image Communication (submitted), 2004.
- (3) A. Abadpour and S. Kasaei. “*Performance Analysis of a PCA-based Color Descriptor*”. The CSI Journal of Computer Science and Engineering (submitted), 2004.