Curriculum Vitae

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Personal Information

- First Name: Masoud
- Last Name: Mazloom
- Date of Birth: September 11, 1977
- Place of Birth: Neyshabour, Iran
- Home Page: http://math.sharif.edu/~m_mazloom
- Address: Room 308, Engineering Department, Shahid Chamran University, Golestan Highways, Ahvaz, Iran. Postal Code: 6135783151
- Phone: +98 (611) 335 1776 Ext:5702
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Academic Qualification

- **M.Sc.** (Summer2002 - Summer2005): Computer Science Student, Mathematics and Computer Science Department, Sharif University of Technology, Tehran, Iran. Thesis, "*An Efficient Algorithm for Face Recognition*" under supervision of Dr. S.Kasaei.

- **B.Sc.** (1996-2001): Software Engineering Student, Computer Engineering Department, Azad University of Tehran, Iran. Thesis, "*Design and Implementation of a Database for Examinations*" under supervision of Dr. Seyyed Javadi.

Research Interests

- Image Processing
- Computer Vision
- Face Recognition
- Pattern Recognition
- Fuzzy Logic
- Neural Network
- Bioinspired Computing
- Artificial Intelligence
- Meta-Heuristic Methods
- Biometric

Publication

- Masoud Mazloom, Shohreh Kasaei, **Construction and Application of SVM model and Wavelet-PCA for Face Recognition,** ICB 2009 Conference, Italy. (Submitted)

- Masoud Mazloom, Shohreh Kasaei, **Wavelet Transform and Fusion of Linear and NonLinear Method for Face Recognition,** CESSE, Dubai, United Arab Emirates, Jan 2009.

- Masoud Mazloom, Saeed Ayat **Combinational Method for Face Recognition: Wavelet, PCA and ANN,** 8th DICTA Conference, Canberra, Australia, December 2008.

- M.Mazloom and S.Kasaei, **Combination of Wavelet and PCA for Face Recognition,** IEEE GCC, Bahrain, 2006.

- M.Mazloom, S.Kasaei, **Face Recognition using Combination of Wavelet, PCA and Neural Network**, ICMSAO Conference, Sharjah, UAE, 2005.

- Reza Shamekh, Sajjad Zarifzadeh, Nasser Yazdani and Masoud Mazloom **A Cache Predictive Scheme For On-demand Routing in Ad-hoc networks,** CSN, IASTED, Spain, 2005.

- S. Nikbakht, M. Mazloom and A. Khayatian, **Evaluation of Solid-State Accelerometer for Positioning of Vehicle**, ICIT Conference, Hong Kong, 2005.

- M.Mazloom, R.Ebrahimpour and C.Lucas**, Face recognition: An Ensemble Neural Networks with Co-Evolutionary Algorithm Approach,** IEEE GCC, Bahrain, 2004.

Award/Honors

- (2008-2009): The *Best Instructor* in Shahid Chamran University, Ahvaz, Iran.
- (2002): Ranked *15* among 1500 competitors in the *M.Sc*. entrance examination.
- (1996): Ranked *17* among *150000* competitors in the *B.Sc*. entrance examination in Azad University.

Technical Reports

- (2007): M.Mazloom, S.Salavati, S.Hajarzade, **an Optimized Method for Solving Zebra Puzzle**, Shahid Chamran University, Ahvaz, Iran.

- (2007): M.Mazloom, A.Timani, **a Function for generating Prime Numbers,** Shahid Chamran University, Ahvaz, Iran.

- (2006): M.Mazloom, R.Ghanbari, Z.Moniri, **a Hybrid Method for TSP: Genetic Algorithm and Local Search Method (GALS),** Dr. Shariaty University, Tehran, Iran. *(In Persian)*

- (2005): M.Mazloom, S.Kasaei, A.Daneshgar, **an Efficient Algorithm for Face Recognition**, thesis, Sharif University of Technology, Tehran, Iran.

- (2004): M.Mazloom, A.Shojaei, **Physical Simulation for Mobile NanoRobot in the Bloody Laminar flows,** Dr. Shariaty University, Tehran, Iran.

- (2005): M.Mazloom, A.Alemi, A.Mohammadipour, **an Internet Search Methodology**, Emam Hossein University, Tehran, Iran.

Teaching Experience

- (2005-now): Teacher of **Discrete Mathematics**, Shahid Chamran University, Ahvaz, Iran.
- Fall (2005-now): Teacher of **Artificial Intelligence**, Shahid Chamran University, Ahvaz, Iran.
- Spring (2005-now): Teacher of **Artificial Neural Network**, Shahid Chamran University, Ahvaz, Iran.
- Fall (2005-now): Teacher of **Fuzzy Logic**, Shahid Chamran University, Ahvaz, Iran.
- (2007): Teacher of **C++ Programming Language**, Dr. Shariaty University, Tehran, Iran
- (2005-2006): Teacher of **Data Structure**, Shahid Chamran University, Ahvaz, Iran.
- (2005-now): Teacher of **Numerical Methods**, Shahid Chamran University, Ahvaz, Iran.
- (2005): Teacher of **Statistical Package Social System** (SPSS), Shahid Chamran University, Ahvaz, Iran.

- (2003-2005): Teacher of **Discrete Mathematics**, Dr. Shariaty University, Tehran, Iran.
- (2003-2005): Teacher of **Artificial Intelligence**, Dr. Shariaty University, Tehran, Iran.
- (2003-2005): Teacher of **Scientific and Technical Presentation,** Dr. Shariaty University, Tehran, Iran.
- (2003-2005): Teacher of **C Programming Language**, Dr. Shariaty University, Tehran, Iran.

Professional Experience

- (2006-now): **Faculty Member** of Shahid Chamran University, Ahvaz, Iran.
- (2003-2005): **Head of Computer Software Group** in Dr. Shariaty University of Tehran, Iran.

- (2001-2003): **Project Manager, Software Analyzer,** Tossan Company, Tehran, Iran.

Seminars

- (2008): *An introduction to Biometric Methods Specially Human Identification and Verification by Face*, Shahid Chamran University, Ahvaz, Iran

- (2007): *An introduction to Nano Technology and its application specially NanoRobats*, Shahid Chamran University, Ahvaz, Iran.

- (2007): *Artificial Intelligence and its applications specially in Computer Vision,* Shahid Chamran University, Ahvaz, Iran.

- (2005): *An Introduction to Fuzzy Clustering Methods*, Final Project of Fuzzy Systems course, Sharif University of Technology, Tehran, Iran.

- (2004): *An Introduction to Neural Network Pattern Recognizers specially RBF Neural Network*, Final Project of Artificial Neural Networks Course, Sharif University of Technology, Tehran, Iran.

- (2004): *Binary Decision Diagram (BDD),* Computational Logic course, Sharif University of Technology, Tehran, Iran.

- (2003): *Latin Square,* Combinatorial Optimization course, Sharif University of technology, Tehran, Iran.

Undergraduate Project Supervision

- (2008)
  - **Gender Recognition by Meta Heuristic Methods**, Shahid Chamran University, Ahvaz, Iran.
  - **Fingerprint by ANFIS Neuro Fuzzy**, Shahid Chamran University, Ahvaz, Iran.
  - **An Artificial Method for Intrusion Detection System,** Shahid Chamran University, Ahvaz, Iran.
- (2007)
  - **License Plate Recognition by Neural Network,** Shahid Chamran University, Ahvaz, Iran.
  - **Using of Fuzzy Rules for IDS Network,** Shahid Chamran University, Ahvaz, Iran.
  - **Meta Heuristic Method for Routing of Peer-to-Peer Network,** Shahid Chamran University, Ahvaz, Iran.
- (2005)
  - **An Introduction to Biometric Approaches specially DNA,** Dr. Shariaty University, Tehran, Iran.
  - **Analyzing and Evaluating the Behavior of Bird like Robot,** Dr. Shariaty University, Tehran, Iran.
  - **Human Recognition by Fingerprint,** Dr. Shariaty University, Tehran, Iran.
  - **Designing and Implementing of Virtual Shopping,** Dr. Shariaty University, Tehran, Iran.
  - **Face Recognition by RBF Neural Network,** Dr. Shariaty University, Tehran, Iran.
  - **Simulation and Designing of Meta Search Engine,** Dr. Shariaty University, Tehran, Iran.

Technical Proficiencies

- **Programming Language:** Decent knowledge of Matlab, Prolog, C, C++, Visual Basic, Delphi, Pascal, Basic and HTML.

Other Activities

- (2008): Becoming translation the *"Numerical Methods in Engineering with Matlab", Jaan Kiusalaas* book, to Persian.
- (2008): Becoming translation the *"Neural Network Design", Martin T.Hagan* book, to Persian.
- (2006): Translating the *"Discrete Mathematic and its Application", K.Rose* book, to Persian.
- (2006): Supervisor of 2th *E-Learning conference*, Dr. Shariaty University, Tehran, Iran.
- (2005): Supervisor of 1th *E-Learning conference*, Dr. Shariaty University, Tehran, Iran.
- (2004): Question Designer of *Computer Bachelor Entrance Exam*.
- (2004): Referee of *Annual Computer Software Competition*, Mashhad, Iran.

Language

- Persian: Native
- English : Fluent
- Arabic: Good

Referees

- Name: Professor Shohre Kasaei (M.Sc. Thesis Supervisor)
  Phone: +98 (21) 616 4631
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- Name: Professor Caro Lucas
  Phone: +98 (21) 871 6624
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- Name: Professor Saeed Bagheri Shouraki
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- Name: Professor Saeed Ayat
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  Department of IT and Computer Engineering, Taleghany Blv, Najafabad, Iran, Postal Code: 8515643144.