

Curriculum Vitae

Personal & Contact Information:

Name: Mojtaba Farzaneh
Date of Birth: April 22th 1982
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Objective:

Pursuing graduate studies in Electronic (Robotic) engineering as a PhD student in a leading university and working in engineering research environments.

Education

- M.Sc. Electronic Engineering, Hakim Sabzevari University of Sabzevar, Sabzevar, Iran.
Thesis Title: "Flexible Capacitive Tactile sensors, Design and Implementation"
- B.Sc. Electronic Engineering, Azad University of Sabzevar, Sabzevar, Iran.

Technical Skills

Proficient in Delphi, MATLAB, Code vision AVR, Altium Designer Summer(PROTEL), Advanced Design System, Dreamweaver, Visual Basic, php coding, Computer-Aided Analysis and Design

Software Development

- Image Processing
- Robotic
- MySQL Service
- Php Coding for web Development
- Html Coding
- Delphi and a Web connection
- Communications software and computer hardware
- Software and computer hardware and Internet connections
- Delphi on the Net
- Local network
- Systems Development in Delphi
- Design Sites

Designer Sample Sites

- www.irsalab.com
- www.mfarzaneh.com
- www.didasp.com
- <http://www.didasp.com/Web/1>
- <http://www.didasp.com/Web/2>
- <http://www.didasp.com/Web/3>
- <http://www.didasp.com/Web/4>

Work Experience

- Beyhagh Company – Electronic Engineering (2006 to 2009)
- Robotics Instructor (2009-2011)
- Farhang sara 2 Tehran –Robotic Teacher (2010 to 2013)
- IRSALAB Company – Manager (2013 to 2016)

Publication

<https://scholar.google.com/citations?hl=en&user=4GF84B8AAAAJ>

- 1- Fatahi, Masoome, Mojtaba Farzaneh, and SeyedJavad Azimfar. "Flexible Capacitive Sensors based on paper sheets." (2016)
- 2- Shojaedini, Seyed Vahab, Armin Parsian'nejad, and Mojtaba Farzaneh. "A Novel Method for Optimum Electrical Energy Harvesting from Wind Turbines: A Space-Time Model for Wind Farm by Neuro-Fuzzy Strategy." *Journal of Control* 6.3 (2012).
- 3- Haddadnia, Javad, and Mojtaba Farzaneh. "Accelerate the Face Detection Optimization with Edge Detection and the Discrete Cosine Transform (DCT)." *International Journal of Computer Applications* 82 (2013).
- 4- Masoome Fatahi, Mojtaba Farzaneh, SeyedJavad Azimfar “Flexible Capacitive Sensors based on paper sheets”
- 5- Mojtaba Farzaneh, Toktam Ebrahim zade, Masoome Fatahi “Accelerate the Face Recognition Technique Optimization with Spatial context model and discrete cosine transform (DCT).”
- 6- Masoome Fatahi, Mojtaba Farzaneh “Smart way to verify the identity of the sound, based on neural network technique (Identification by Voice)”

Honors and Awards:

- 2016 – Gold Merit Awards (INPEX 2016), the Invention & New Product Exposition, is America’s Largest Invention Show.
- Accept to the comprises 41 entries covering the full spectrum of vision technologies, from sensors to embedded systems in Vision trade fair in Stuttgart (2016)
- 2011 – Secretary of the Scientific Committee on Tehran Robotics Tournament
- 2011 – Referee of Babol's Robotics Tournament
- 2011 – Referee of the Shiraz Sama competitions
- 2010 – 1st place in Khwarizmi Youth Festival
- 2009 – Member of the National Elite Foundation
- 2008 – Gold Medal Award of the Innovation and Prosperity Festival
- 2007 – Member of the Association of Iranian Inventors
- 2007 – Technical Director of the shooter robot field in Sabzevar Robotics Competition
- 2007 – Sabzevar Robotics Tournament's Secretary of the Referee Committee

Recorded Patents:

- Designing a new capacitive touch sensor (2013)
- Automatic system of combined press unit and making ring gaskets (2012)
- Graphic communication of AVR microcontrollers with user (2008)
- Durability testing of the electric car window glass lift (intelligent) (2004)
- Visual control of companies or institutes via telephone line (2005)
- A new blood cell counter set (2008)

A Selection of Researches and Projects

- Sound processing of musical water fountains (2009)
- Designing and making a robot with the capability of automatic search and track record – artificial intelligence genius (called space probe robot) (2006)
- Separating different products in a factory through image processing (2007)
- Sound processing of musical water fountains (2009)
- Processing brain signals (2006)
- Correcting multiple-choice questions through image processing (2003)
- Calculating the area of irregular objects through image processing (2013)

- Puncturing printed circuit boards through image processing (2008)

- Making a text writing system through a phone line (for the deaf) (2005)

- Intelligent Control of Vehicle using image processing – vehicle without a driver – Local GPS (2005)

- DC motor control using PC (2006-2007)

- Wireless control and monitoring of water engines and centers with a range of 40 km in agricultural systems (2003)

- Control and monitoring of temperature through a phone line (2007)

- Identification of numbers through image processing (2006)

- Barcode Reader through image processing (2007)
- Face Recognition (2013)

References

Prof. Mohammad Bagher Menhaj
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Dr. Majid Baghaei Nejad
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