

September - 2023

Curriculum Vitae *



Salar Basiri

Founder and CEO at Idea Land Smart Solution Co Ltd

Address: Suite 303, 3rd Floor, Denay2 Bldg, Navvab St, Tehran, Iran

Postal Code: 1355797193

Mobile: +98 933 31415 63

Email: SalarBasiri.smart@gmail.com , CEO@ilss.ir

Website: <https://SalarBasiri.com> (Personal)

<http://www.ilss.ir> (Company)

<http://patentee.ir> (My blog about patent)

<https://www.linkedin.com/in/salarbasiri/>

<https://scholar.google.com/citations?user=IDDMAC8AAAAJ>

Personal Information

- Date of Birth: September 8th, 1984
- Place of Birth: Tehran, Iran
- Marital Status: Single

Responsibility

- CEO and Chairman of the Board at Idea Land Smart Solutions Co Ltd

Education

Master of Science (2007-2010)

- Mechanical Engineering, Applied Design, The University of Guilan, Department of Mechanical Engineering
 - o Supervisor: Dr Ahmad Bagheri, Dr Nader Nariman-zadeh
 - o Thesis Title: Design, Fabrication and Control of an Aerial Robot with Terrain Tracking Ability Using Fuzzy Based Image Processing

Bachelor of Science (2003-2007)

- Mechanical Engineering, Solid Design, The University of Guilan, Department of Mechanical Engineering
 - o Supervisor: Dr. Ahmad Bagheri
 - o Thesis Title: Control of a manipulator by using image processing

One-year MBA (2013)

- University of Tehran, Distance Learning Courses, Not Completed.

*: Intellectual Property related works, Trainings and publications are highlighted in Blue.

Patents

- **PCT Patent Application**, "A Method and Apparatus for Grain Analysis", Application Registration Number: PCT/IB2022/057842, 22 August 2022
- **US Patent Application**, "Liquid Level Measurement Apparatus", Application Registration Number: 17/653651, 6 March 2022
- **PCT Patent Application**, "Liquid Level Measurement Apparatus", Application Registration Number: PCT/IB2021/061030, 27 November 2021
- **Australia Patent Application**, "Liquid Level Measurement Apparatus", Application Registration Number: 2022228113, 7 September 2022
- **Iran National Patent**, "Wearable Reminder for Drinking", Iran Patent No 106478, March 2022
- **PCT Patent Application**, "Wearable Reminder for Drinking", Application Registration Number: PCT/IB2020/060499, Nov 8 - 2020
- US Provisional Patent Application, "A Method and Device for Speed Reduction of Offender Cars by Police", 2019
- Iran National Patent, "A Method and Device for Localization and Paging Optimum Hospital Staff", Iran Patent No 87986, 2014
- Iran National Patent, "Device for User Interaction with Electronic Devices in Accelerometer Equipped Ring Form", Iran Patent No 79624, Patented in 2013
- Iran National Patent, "Electronic Leitner Box", Iran Patent No 38010, Patented in 2006
 - o Iranian National Elites Foundation 3rd level patent development grant
 - o This is a cool electronic gadget for learning second language and extend your vocabulary
 - o Specifications: 65k Color LCD, MMC card slot, USB Connectivity, Very simple and user friendly interface, Using low cost and high performance 8-bit AVR MCUs
- Iran National Patent, "Laser Distance Meter", Iran Patent No 27669, Patented in 2001
 - o Honorable Tehran City 4th Khwarizmi youth award
 - o Using laser and triangulation method to measure distance and length
 - o Specifications: Measuring range is up to 10m, using 3-digit 7-segment display, EPROM and look-up table-based design

Registered Trade Mark

- European Union Registered TradeMark, "**TeraSensor**", **EUIPO Registration Number: 018329223**, Owner: Idea Land Smart Solution Co Ltd (My own company in Iran)
- Iranian Registered TradeMark, "**TeraSensor**", **Iranian Registration Number: 403534**, Owner: Salar Basiri
- Iranian Registered TradeMark in Persian Language, "**RAHSA**", aka رهسا, **Iranian Registration Number: 391470**, Owner: Salar Basiri
- Iranian Registered TradeMark in Persian Language, "**SENSORTRONIC**", aka سنسورترونیک, **Iranian Registration Number: 339110**, Owner: Salar Basiri

Book Publication

- **“Enterprising Ideas”**, A Guide to Intellectual Property for Startups, Intellectual Properties for Business Number 6 by World Intellectual Property Organization, **WIPO, Translator to Persian, ISBN: 978-622-288-625-7**
 - **“Inventing the Future”**, An Introduction to Patents for Small and Medium-sized Enterprise, Intellectual Properties for Business Number 3 by World Intellectual Property Organization, **WIPO, Translator to Persian, ISBN: 978-622-288-259-4**
 - **“Inventing the Future”**, An Introduction to Patents for Small and Medium-sized Enterprise, Intellectual Properties for Business Number 3 by World Intellectual Property Organization, **WIPO, Producer in Turkish, ISBN: 978-605-76441-4-5**
 - **“Understanding Industrial Property”**, **WIPO, Producer in Turkish, ISBN: 978-625-8288-53-7**
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Professional Membership

- **CERTIFICATE OF "Inv" MEMBERSHIP, according to the Enactment Approved by IFIA Executive Committee Members to Respect Inventors**
Verification Number: IR2020MAR004RCXB
 - Member of Iranian Society of Engineering Education
 - Member of Iranian Society of Mechanical Engineers
 - IEEE student Member in 2008
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Honors, Awards

- Certificate of Award **"Silver Medal", ISIF2022** For Invention: **Wearable Reminder for Drinking**, 30Aug-4Sep 2022, Republic of Turkiye Ministry of Industry and Technology, Turkish Patent and Trademark Office (TÜRKPATENT), International Federation of Inventors' Association (IFIA), Anatolia Inventions and Inventors Association, World Intellectual Property Organization (WIPO) and European Patent Office(EPO), **Samsun International Invention Fair / ISIF2022 , Samsun , Turkiye**
- Certificate of Award **"Silver Medal", ISIF2022** For Invention: **Liquid Level Measurement Apparatus**, 30Aug-4Sep 2022, Republic of Turkiye Ministry of Industry and Technology, Turkish Patent and Trademark Office (TÜRKPATENT), International Federation of Inventors' Association (IFIA), Anatolia Inventions and Inventors Association, World Intellectual Property Organization (WIPO) and European Patent Office(EPO), **Samsun International Invention Fair / ISIF2022 , Samsun , Turkiye**
- **Van International Entrepreneur and Investor Summit, 30-31 July, Van, Turkiye**
- Certificate of Award **"Gold Medal", ISIF2021**, For Invention: **An Apparatus for Preservation of Manuscripts and Antiques in Museum**, 21Sep-26Sep 2021, Republic of Turkiye Ministry of Industry and Technology, Turkish Patent and Trademark Office (TÜRKPATENT), International Federation of Inventors' Association (IFIA),

Anatolia Inventions and Inventors Association, World Intellectual Property Organization (WIPO) and European Patent Office(EPO), Istanbul International Invention Fair / ISIF2021 , **Istanbul , Turkiye**

- Certificate of Award "**Gold Medal**", **ISIF 2020**, For Invention: **A Method for Corrosion Monitoring in Gas Pipe Line**, 5Aug-27Sep 2020, Republic of Turkiye Ministry of Industry and Technology, Turkish Patent and Trademark Office (TÜRKPATENT), International Federation of Inventors' Association (IFIA), Anatolia Inventions and Inventors Association, World Intellectual Property Organization (WIPO) and European Patent Office(EPO), Istanbul International Invention Fair / ISIF 20 , **Istanbul , Turkiye**
=> <http://www.istanbul-inventions.org/en/42436/ISIF20-RESULTS>
- Certificate of Award "**Gold Prize**", For Invention: **A Method for Corrosion Monitoring in Gas Pipe Line**. National Research Council of Thailand (NRCT), Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition. IPITEX On the occasion of "Thailand Inventors' Day 2020", Bangkok, Thailand.
- **WIIPA** Special Award, For Invention: Yogurt Maker with Concentration System for Special Uses. Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition, IPITEX. Bangkok, Thailand.
- **Innovative Business Solutions**, Certificate of Appreciation "**Special Award**", For Invention: A Method for Smart Advertisement in River and Sea (Image Display System), **IPITEX2020**, Bangkok, Thailand.
- Certificate of Award "**Gold Medal**", For Invention: A Method for Smart Advertisement in River and Sea (Image Display System), National Research Council of Thailand (NRCT), Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition. IPITEX On the occasion of "Thailand Inventors' Day 2020", Bangkok, Thailand.
- Certificate of Award "**Gold Medal**", For Invention: Yogurt Maker with Concentration System for Special Uses. National Research Council of Thailand (NRCT), Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition. IPITEX On the occasion of "Thailand Inventors' Day 2020", Bangkok, Thailand.
- **Diploma "Gold Medal"** for the participation at the International Trade Fair **Ideas-Inventions-New Products** in Nuremberg, For Invention: A method and Device for speed reduction of offender cars by Police. (**iENA 2019**), Nuremberg, Germany.
- Certificate of Award "**Special Award**" Indonesian Invention and Innovation Promotion Association, For Invention: A method and Device for speed reduction of offender cars by Police. (**INNOPA**), Has participated in: iENA 2019, Nuremberg, Germany
- Certificate of Award "**Bronze Medal**" 17th International Innovation Exhibition National and University Library in Zagreb, For Invention: A method and Device for speed reduction of offender cars by Police. (**ARCA 2019**), Zagreb, Croatia

- Certificate of Award "**Golden Medal**" 18th International Innovation Exhibition National and University Library in Zagreb, For Invention: An Apparatus for Group Entertainment, (**ARCA 2020**), Zagreb, Croatia
- **Diploma "Gold Medal"** International Salon of Inventions and New Technologies (National Association of Inventors of Macedonia), For Invention: A method and Device for speed reduction of offender cars by Police. **INOVAMAK 2019** Skopje, Macedonia
- **Diploma "Gold Medal"** International Warsaw Invention show, For Invention: A method and Device for speed reduction of offender cars by Police. (**IWIS 2019**), Warsaw, Poland.
- **Diploma "Silver Medal"** International Warsaw Invention show, For Invention: An Apparatus for Group Entertainment, (**IWIS 2020**), Warsaw, Poland.
- Certificate of Award "**Gold Medal**" For Invention: A Method to Produce Drinkable Water in Emergency Situations, the 4th International Invention Innovation Competition in Canada, **iCAN 2019** Toronto International Society of Innovation & Advanced Skills (**TISIAs**), Toronto, Canada.
- Certificate of Award "**Gold Medal**" For Invention: A Method to Produce Drinkable Water in Emergency Situations, the 4th International Invention Innovation Competition in Canada, **iCAN 2019** Toronto International Society of Innovation & Advanced Skills (**TISIAs**), Toronto, Canada.
- Certificate of Award "**Gold Medal**" For Invention: **A Method for Level and Electrical Conductivity Measurement of Liquid**, the 4th International Invention Innovation Competition in Canada, **iCAN 2019** Toronto International Society of Innovation & Advanced Skills (**TISIAs**), Toronto, Canada.
- Diploma "**Gold Medal**", iCAN2019, The 4th International Invention Innovation Competition in Canada, iCAN 2019, Toronto, Canada, 24 August 2019, For Invention: "A Method for Level and Electrical Conductivity Measurement of Liquid".
- Diploma "**Gold Medal**" SVIIF2019, Silicon Valley International Invention Festival, 24-26 June 2019, For Invention: "A method and Device for speed reduction of offender cars by Police".
- Diploma "**Gold Medal**" The 46th International Exhibition of Inventions Geneva, 10-14 April 2019, For Invention: A method and Device for speed reduction of offender cars by Police. Genève Switzerland.
- Second Winner in 6th Khwarizmi youth award, Tehran, 2004.
 - o *Project Title: Goniophotometer*
- Admitted as a master student in University of Guilan for MSc as an excellent student (without passing the nationwide universities entrance exam)
- Honorable young researcher award of Guilan province, Rasht, 2007
- Honorable young researcher award of the University of Guilan, Rasht, 2007
- Honorable Innovative project award in research week festival, Rasht, 2008
- Honorable young researcher award in Guilan province research and technology festival, Rasht, 2009
- Iranian National Elites Foundation 3rd level patent development grant for Electronic Leitner Box (About 3k\$)

- Honorable Tehran City 4th Khwarizmi youth award, Tehran, 2001.
 - o *Project Title: Laser Distance Meter*
 - First Winner of Student Section in Best Idea Festival organized by Guilan Science and Technology Park, Rasht, Iran, 2007
 - o *Projects Titles: Simultaneous 8 Channel ICP Compatible Accelerometer, Electronic Leitner Box, Intelligent Puzzle Solver Robot, Laser Distance Meter*
 - Second Winner in Alborz high school research festival, Tehran, 1999
 - o *Project Title: RC Airship*
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Short Term Trainings and Workshops

- Certificate of Accomplishment, **Patent Drafting**, Intellectual Property Center of Iran (IPC), Swiss Federal Institute of Intellectual Property (IPI), Iran National Innovation Fund (INIF), from January 2022 to February 2023
- Certificate, **WIPO - IRAN SUMMER SCHOOL ON INTELLECTUAL PROPERTY** Organized by the World Intellectual Property Organization (WIPO) in cooperation with the Intellectual Property Center of the Islamic Republic of Iran, September 3 to 14, 2022
- Certificate, "**DL-318 Advanced Course on Patent Information Search**", **WIPO Academy**, from September 1 to December 6, 2021
- Certificate, "**DL-101 General Course on Intellectual Property (version 2)**", **WIPO Academy**, from July 5 to August 18, 2021
- Certificate, "**DL-303 Specialized Course on the Madrid System for the International Registration of Marks**", **WIPO Academy**, from May 4, 2021 to June 20, 2021
- Certificate, "**DL-320E Advanced Course on Basics of Patent Drafting**", **WIPO Academy**, from September 21 to December 4, 2020
- Certificate, "**Introduction to Patent Cooperation Treaty**", **WIPO Academy**, 19 Jul 2021
- Certificate, "**e-TUTORIAL ON USING PATENT INFORMATION**", **WIPO Academy**, 22 Jul 2021
- Certificate of Accomplishment, "**Intellectual Property to Commercialization Camp (Software Invention, Copyright Laws)**", 16-17 Dec 2020, a Joint Program by Iran National Innovation Fund and Iran Patent Center for Vice-presidency for Science and Technology, Tehran, Iran.
- Certificate of Accomplishment, "**Intellectual Property to Commercialization Camp (Innovation)**", 13-15 June 2020, a Joint Program by Iran National Innovation Fund and Iran Patent Center for Vice-presidency for Science and Technology, Tehran, Iran.
- Certificate of Accomplishment, "**Intellectual Property to Commercialization Camp (Trademark, Industrial Design and Geographical Indication)**", 15-16 September

2020, a Joint Program by Iran National Innovation Fund and Pellekan intellectual property & technology institute, Tehran, Iran.

- Certificate for Training Course, **“Comprehensive Project Management Based on PMBOK: Sixth Edition (2017)”**, 14 August 2019, IRFINANCE (Sharif Financial and Investment Management Group), Tehran, Iran
- Certificate of Attendance, **“International Patent Registration Workshop”**, 8 and 15 August 2019, a Joint Program by Iran National Innovation Fund and Hiran Smart Trading Co, Tehran, Iran.
- Certificate for Training Course, **“INCOTERMS2020”**, 3 Aug – 17 Aug 2020, Business Training Center, Ministry of Industry-Mine-Trade, Tehran, Iran
- Certificate of Completion, **“10 Innovation and Technology Management Tools”**, 1,8,11 July 2021, Distance Learning, Strategic Studies Institute of Boshara Pajouh Sponsored by Innovation and Prosperity Fund, Mashhad, Iran
- Certificate of Completion, **“Innovation Strategy and Development of Corporate Open Innovation”**, 11 and 22 April 2021, Distance Learning, Strategic Studies Institute of Boshara Pajouh Sponsored by Innovation and Prosperity Fund, Mashhad, Iran
- Certificate of Completion, **“Feasibility Study and Business Plan (FS&BP)”**, 27 & 28 January 2021, Distance Learning, Strategic Studies Institute of Boshara Pajouh Sponsored by Innovation and Prosperity Fund, Mashhad, Iran
- Certificate of Completion, **“Product-Technology Road Mapping”**, 24 & 25 January 2021, Distance Learning, Strategic Studies Institute of Boshara Pajouh Sponsored By Innovation And Prosperity Fund, Mashhad, Iran
- Certificate of Completion, **“Patent Search and Analysis”**, 29 & 30 July and 5 & 6 August 2020, Distance Learning, Strategic Studies Institute of Boshara Pajouh Sponsored by Innovation and Prosperity Fund, Mashhad, Iran
- Certificate of Completion, **“Business Model Design”**, 19 & 20 August 2020, Distance Learning, Strategic Studies Institute of Boshara Pajouh Sponsored by Innovation and Prosperity Fund, Mashhad, Iran
- Certificate, **“Intellectual Property Strategy in Knowledge-Based Companies”**, Oct 2020, Pellekan Intellectual Property & Technology Institute, Distance Learning
- Certificate, **“Principle of arranging and compiling and writing all kind of domestic and international contracts”**, Oct 2020, Pellekan Intellectual Property & Technology Institute, Distance Learning
- Certificate, **“Advanced Intellectual Property Contracts”**, Oct 2020, Pellekan Intellectual Property & Technology Institute, Distance Learning
- Certificate of Participation, **“Asia Pacific Innovation Forum 2019 - Technology Startups for Sustainable Development”**, 10-12 June 2019, Tehran, Iran
- Certificate of Presence, **“IOT Communicational Protocols”**, 28 Sep 2019, IOT Academy, Tehran, Iran

- Certificate of Presence, “**IOT and Energy Resources Management**”, 21 Sep 2019, IOT Academy, Tehran, Iran
- Certificate of Presence, “**Internet of Things at Sky and Sea**”, 30 Jun 2019, IOT Academy, Tehran, Iran

Publication

Journals

- Mehrdad Fojlaley, Mansoor Ahmed Malik, Mehdi Farzpourmachiani, **Salar Basiri**, Ali Farzpourmachiani, Mahmoud Daneshfar, Mohammad Ali Rajabi Torbehbar, Amir Khodadadi Parashkouh, “Design, Implementation and Evaluating a Method and Device for Speed Reduction of Offender Cars by Police”, JOURNAL OF ALGEBRAIC STATISTICS, Volume 13, Issue 3, Pages 3452-3458, 2022 Jul 25
- Enayati A, Yassa N, Mazaheri Z, Rajaei M, Pourabouk M, Ghorghanlu S, **Basiri S**, Khori V, “Cardio protective and anti-apoptotic effects of *Potentilla reptans* L. root via Nrf2 pathway in an isolated rat heart ischemia/reperfusion model”, Life Sci, 2018 Dec 15; 215:216-226. doi: 10.1016/j.lfs.2018.11.021
- Majid Alitavoli, **Salar Basiri**, Hasan Mallaei, Sina Rezazade osmanvandani, “Application of Image Processing for Solving Numerical Puzzles Using A 3 DOF Robot”, WSEAS Transaction on Circuits and Systems, Vol 5, Sep2005, pp1452-1458
- A. Bagheri, M. Alitavoli, A. Hajiloo, **S. Basiri**, H. Asadi, “Determination of kinematic parameters of a passive bipedal robot by using image processing”, Journal of Achievement in Material and Manufacturing Engineering, Vol14, Issue 1-2, May-June 2006, pp94-100
- Majed Alitavoli, **Salar Basiri**, Saeed Basiri, “Image Processing Based Tracking System”, WSEAS TRANSACTIONS on SIGNAL PROCESSING, Issue 12, Volume 2, December 2006, pp.1558-1662

Conference papers

- Ahmad Bagheri, **Salar Basiri**, “Design of a Vision System as a Coordinate Measurement Sensor in a 2D Gantry Crane Control System”, IEEE 5th International Colloquium on Signal Processing and its Application (CSPA2009), 6-8 March 2009, Kuala Lumpur, Malaysia
- Ahmad Bagheri, Saber Ghasembeigi, **Salar Basiri**, “Robust Control Frequency Analysis of a Moving Walking Bipedal Robot”, IEEE 5th International Colloquium on Signal Processing and its Application (CSPA) 2009, 6-8 March 2009, Kuala Lumpur, Malaysia
- Majid Alitavoli, **Salar Basiri**, Ahmad Bagheri, “Using Image Processing as a Measuring Device in Close Loop Control System and System Behavior Analysis”, The 6th WSEAS

International Conference on APPLICATIONS of ELECTRICAL ENGINEERING (AEE '07), May 27-29, 2007, Istanbul, Turkiye

- Ahmad Bagheri, Shahed Aliakbar, **Salar Basiri**, "Modeling, Stress Analyses and Design of an Underwater Remotely Operated Vehicle (ROV)" Industrial Simulation Conference 2007, Technical University of Delft, 11-13 June 2007, Delft, Netherland
- Majid Alitavoli, **Salar Basiri**, Hasan Mallaei, "The Puzzle Solver Intelligent Robot (PSR) Based on Real Time Image Processing", 6th WSEAS Int. Conf. on SIGNAL PROCESSING, COMPUTATIONAL GEOMETRY & ARTIFICIAL VISION (ISCGAV'06), 18-20 August 2006, Crete Island, Greece
- Ahmad Bagheri, Majid Alitavoli, Mehdi Aghakashi, **Salar Basiri**, "Modeling of water hammer phenomenon in simple irrigation system and comparing the analytical to experimental results", industrial Simulation Conference 2006, 5-7 June 2006, University of Palermo, Palermo, Italy
- Ahmad Bagheri, **Salar Basiri**, "Design and fabrication of an unmanned airship for environmental variable monitoring", 18th Annual International Iranian Conference on Mechanical Engineering (ISME2010), Sharif University, 11-13 May 2010, Tehran, Iran (*In Persian*)
- Ahmad Bagheri, Sara Halaji, **Salar Basiri**, "Design of horizontal trust unit for a remotely operated underwater robot", 16th Annual International Iranian Conference on Mechanical Engineering (ISME2008) , Shahid Bahonar University of Kerman, 13-15 May 2010 , Kerman, Iran (*In Persian*)
- Nosaratollah Fallah, Malekmohammad Ranjbar, **Salar Basiri**, "Design and make a seismic test table and ICP compatible accelerometer data logger, 5th International conference on seismology and earthquake Engineering, SEE5, May 2007, Tehran, Iran (*In Persian*)
- Ahmad Bagher, Amir Hajiloo, **Salar Basiri**, "Determination of kinematic parameters of a passive bipedal robot by using image processing", 16th Annual International Iranian Conference on Mechanical Engineering (ISME2006), Isfahan University of Technology, 11-13 May 2010, Isfahan, Iran (*In Persian*)
- Majid Alitavoli, **Salar Basiri**, Hassan Mallaei, "Intelligent Puzzle Solver Robot" 2nd International Congress on Manufacturing Engineering (TICME2005) 12-15 December 2005, Tehran, Iran (*In Persian*)

Skills

- Microcontroller and Embedded System Design: BASCOM, DXP, AVR Studio, Proteus (Fluent)
- Programming Languages: Delphi, C++, PASCAL and MATLAB (Fluent)
- Mechanical Parts Design (CAD/CAM): CATIA (Amateur) , Solidworks (Good)
- Other: MS Office, Mobile App Development, HTML (Amateur)

Teaching Experiences

- **2010-2012:** Lecturer (part time) in the Lahidjan branch of Islamic Azad University, Lahidjan, Iran, Teaching in Mechanical Engineering Faculty the following courses:
 - o Mechanism Design
 - o Mechanical Vibration
 - o Dynamic
 - o Industrial Design
 - **2007-2012:** Lecturer (part time) in the Institute of higher education (Ahrar), Rasht, Iran, the following courses:
 - o Fundamentals of Electricity
 - o Electricity in HVAC
 - o Control in HVAC
 - o Physic
 - o Entrepreneurship
 - o Industrial Design
 - Educational Workshops
 - o Image Processing workshop, University of Guilan, Faculty of Engineering, December 2007
 - o AVR Microcontrollers, University of Guilan, Faculty of Engineering, December 2007
 - **2007-2008:** Electronics and Robotics Teacher (part time) in the National Organization for Development of Exceptional Talents (NODET, also known as SAMPAD) High School, Rasht, Iran
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Some Engineering Design, Fabrication and System Integration Experiences

2020

- Fruit Gel and Cream Maker design and fabrication
- Design, Development and Programming of a general propose data logger equipped with Wi-Fi, GSM/GPRS modem, GPS, Bluetooth, SD card, USB, 7 Analog Input, 2 Rs-485 channels, 7 RS-232 Channel, On-Board temperature and humidity sensor, LCD, Ultra low power consumption, etc

2019

- Voltage and ion sensitive dye optical mapping system design, manufacture and software development

- Tissue engineering conditioning system design, manufacture and software development
- Specialized DAQ system for langendorff perfusion heart model research and signal processing software
- Iontophoresis and Electroporation system

2018

- Medical uroflowmeter
- Smart pen
- Electronic book reader

2017

- Hospital Management System (Location Based Pager)
- Wireless Building Management System (2nd version)

2016

- Heat transfer laboratory temperature monitor system
- Smart box
- Wireless Building Management System (1st version)

2015

- Diesel generator monitoring system
- Smart recycle bin

2014

- Smart mirror
- Magnetic floating device for advertisement
- Step walking robot
- quad rotor

2013

- Water level and electrical conductivity measurement system

2009-2012

- Design and Implementation of a Wireless Sensor Network for monitoring corrosion in cities gas pipeline and refineries. This work was done under research contract No 110017 between University of Guilan and Guilan Province Gas Company. I was co-administrative in this project and designed and made electronic circuits.

2008-2010

Salar Basiri's CV

- Design and Fabrication of two Unmanned Airship with image processing ability.(My MSc Project)

2005-2006

- Design and made of a Simultaneous 8 Channel ICP Compatible Accelerometer Data Logger for Civil Department of University of Guilan.

2003-2004

- Developing User Interface Program for DAQ Card in High Voltage Laboratory of University of Tehran By Delphi and C++Builder Programming Development Tools
 - Design and Made Some Mechanical Parts of Goniophotometer in Light Lab of University of Tehran
-