

Curriculum Vitae

✓ Personal Information

First name: Mehrdad

Last name: Davari far

Date & place of birth: 20.11.1978 – Gorgan, Iran

Cell: (+98) 9123476762,

E- mail: m.davarifar@bmtg.ir , davarifar@gmail.com

Marital status: Married, Living place: Tehran, Iran & France, Paris



✓ Academic Education:

➤ ESIEE AMIENS & Université de Picardie Jules Verne (Amiens)

Postdoctoral research, École supérieure d'ingénieurs en électronique et électrotechnique,

Switching optimization for high performance inverter, <http://www.esiee-amiens.fr/>.

Master of Business Administration (M.B.A.), Business, Management, Marketing, and Related Support Services, September 2014 - July 2016

➤ Université de Picardie Jules Verne (Amiens)

Doctoral of Philosophie (Ph.D.), Automatique et Informatique Industrielle, 2011 – 2014

Theses: contribution to fault detection in photovoltaic systems <https://www.mis.u-picardie.fr/>

➤ Islamic Azad University, Science and Research Branch

Master's degree, Electrical and Electronics Engineering, 2005 – 2008, <http://srbiau.ac.ir>

✓ Job Experience:

➤ Founder & CEO

Sep 2016 - Present

Bad Mehr Tavan Gostar, Renewable energy Consultant Company, www.bmtg.ir

Develop and design more than 80 MW Solar power plant in Iran and 5 MW PV power plant in Jordan.

Shareholder of 2MW Solar Ppwer plant in KABOOTARKHAN, Kerman

➤ Senior Technical Advisor to CEO

Jun 2015 – Present

Renewable Energy and Energy Efficiency Organization of Iran, www.satba.gov.ir/

➤ Technical Advisor to CEO

Feb 2014 – Jun 20115

Iran Power Generation and Transmission Company (TAVANIR), <http://www.tavanir.org.ir>

➤ R&D manager

Feb 2014 – Mar 2017

FARAN Electronic corporation, www.farancorp.com

➤ Renewable Energy Director

Aug 2015 - Present

UAV or drone video analysis and analytics system , www.vidrona.com

➤ Lecturer at Islamic Azad University (IAU)

Jul 2015 - Feb 2016

master Course Power Electronics 1, Power system operation , <http://damavandiau.ac.ir>

➤ PHD Researcher

Sep 2011 – May 2014

Laboratory of Modeling, Information & Systems (MIS), Université de Picardie Jules Verne (UPJV), <https://mis.u-picardie.fr/>

➤ Head of Deputy Exploitation Network

Sep 2008- Sep 20011

Kish Water and Power company, <http://kwpcu.ir/>

➤ Electrical Engineering

Feb 2008 - Sep 2011

Cooler Yadak company, Familiar company with produce air condition component

Curriculum Vitae

✓ *Some of Certifications & Training courses*

- **Grid Integration of Variable Renewable Energy (VRE) - Grid Code Requirements** Dec 2017
IGMC IRAN
The Renewables Academy AG (RENAC) in Berlin
https://www.renac.de/fileadmin/renac/media/Projects/GECI_Green_Energy_Center_Iran/GECI_P8_Grid_Code_Schedule.pdf
- **Strategic power system planning with large amounts of grid connected variable renewable energy** Dec 2017
IGMC IRAN
The Renewables Academy AG (RENAC) in Berlin
https://www.renac.de/fileadmin/renac/media/Projects/GECI_Green_Energy_Center_Iran/GECI_P7_PowerSys_Schedule.pdf
- **SMA Commercial Solutions and storage training, Kassel, Sonnenallee 1, 34266 Niestetal, Germany** March. 2017
<https://www.sma.de/en/partners/sma-solar-academy/informations.html>
- **SMA Training course** Feb. 2016
Iran SMA SOLAR ACADEMY, FARAN Group
<https://www.sma.de/en/partners/sma-solar-academy/informations.html>
- **Qualification for design and repair, Off Grid and hybrid System** Dec. 2015
Studer Innotec, Sion, Valais, Switzerland, <http://www.studer-innotec.com/en>
- **EPC - Engineering Procurement Construction** Jul. 2015
License Dr Götz-Sebastian Hök, <http://fidic.org/>
- **FIDIC DBO : Design, Build and Operate contracts** Jul. 2015
License Dr Götz-Sebastian Hök, <http://fidic.org/>
- **Advance pspice design** Dec. 2014
Cadence Design Systems Computer Software, License Paris, France
https://www.cadence.com/content/cadence-www/global/en_US/home/training/emea/france.html
- **Designing at Steca On grid/ Off grid PV system designing** Nov. 2015
Switzerland, Bergen Solar Products Pvt. Ltd, <http://www.steca.com/>

✓ *Volunteer Experience*

- **Keynote speaker** Nov. 2017
Iran Renewable Energy Conference 2017(Iran Rec),
<http://irec.irrea.ir/speakers/>
- **Keynote speaker** Nov. 2016
Germany, Berlin, The Renewables Academy AG (RENAC),
<http://www.renac.de/de/aktuelle-projekte/exportinitiativen/nah-und-mittelost/gr-iran.html>
- **Keynote speaker** Nov. 2016
Intersolar Summit Iran 2016
<http://www.intersolarglobal.com/en/summits/intersolar-summits/impressions/iran-2016.html>
- **Keynote speaker** Des. 2016
Iran Renewable Energy Conference 2016
<http://irec.irrea.ir/>

Curriculum Vitae

- **Treasurer** Septembre 2011 – May 2014
IEEE Student Branch of Univ. Picardie "Jules Verne,
<http://sites.ieee.org/sb-upjv/>

- **IEEE IAS Chapter Chair** Septembre 2011 – May 2014
IEEE Industry Applications Society,
<https://ias.ieee.org/chapters-membership.html>

- **Technical Committees** Sep 2014 – Sep 2014
Iran, Mashhad, International Congress on Technology, Communication and Knowledge
<http://ictck2014.mshdiau.ac.ir/iccecsq>

- **Technical Committees** Aug 2013 – Aug 2013
England, London, Oxford, <http://www.cs.ox.ac.uk/conferences/TAROS2013/>

✓ *Some of Publications in international journals and conference*

- 1-Neuro-Fuzzy Fault Detection Method for Photovoltaic Systems,
- 2- Partial shading fault diagnosis in PV system with discrete wavelet transform (DWT),
- 3-Wind farm two-level control for energy management,
- 4- New Method for Fault Detection of PV Panels in Domestic Applications
- 5- T-S Implementation of a MPPT Algorithm for Photovoltaic Conversion System Using Poles Placement and H_{∞} ; Performances,
- 6- Renewable energy management algorithm for stand-alone system,
- 7- Real-time Model base Fault Diagnosis of Photovoltaic Panels Using Statistical Signal Processing,
- 8- Comprehensive Modulation and Classification of Faults and analysis their effect in DC side of Photovoltaic System,
- 9- Comprehensive Modulation and Classification of Faults and Analysis Their Effect in DC Side of Photovoltaic System,
- 10- Improved Real Time Amorphous PV Model for Fault Diagnostic Usage &
- .
- .
- .

✓ *Languages*

- **Persian: native language**

- **French: Medium**

- **English: Fluent**