

Curriculum Vitae

Personal Information

Name: **Syedmohammad**

Last Name: **Mirisharif**

Place of Birth: Rasht, Iran

Marital Status: Married

Residence status: US permanent resident & Iranian citizen

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Education

2005 GPA 15.5/20, Electronics Engineering (BSc), University of Guilan, Rasht, Iran
Thesis: "Design and implementation of Inclined Satellite follower Antenna Controller"
(19.5/20)

Work Experiences

1) **Fanamoj Co.** www.fanamoj.com / from Apr. 2008 to Aug. 2012

- A design team member of 50W UHF PA used for DVBT system
- Design supervisor & team member of 200W UHF Redundant Transmitter used for DVBT system
- A member of a Compact DVBT 10/50/100W transmitter design and test team
- Integration team member of a liquid cool 1KW DVBT/T2 transmitter
- Test engineer of "100W Ku-band SSPA" used for DVBS/S2 transmitter/ in a product line
- RF consultant of the EMC, EMI and Environmental QC test team of a 38GHz radio link
- A member of 38GHz point to point radio (Outdoor Unit) design and test team
- Test engineer of up/down conv. & PA of a portable digital microwave link in product line
- skillful to work with Spectrum Analyzer, Network Analyzer, Signal Source, Power meter, Oscilloscope, EFA, BER meter and simple measuring tools
- Industrial mechanical sketcher for RF modules' boxes
- Help documentation team, creating User Manual for DVB products

2) **ICTI of Isfahan University of Technology** www.icti.ir / from Apr 2006 to Mar 2008

- Design, implementation and test of a wide band 100nsec delay line in X-band
- Design, implementation and test of a wide band Bias-T with coupler 6-12GHz
- Design, implementation and test of IF discrete AGC
- Design, implementation and test of a 1GHz PLO

Computer Abilities

ADS, HFSS, Orcad (Pspice sim), Altium (SCH & PCB), Solidworks
MS office (Word, Excel, Power point, Visio)

Published: Accepted paper in 38th European Microwave Conference, "Design and Implementation of a 1-Octave 100nsec Compensated Delay in X-band", Amsterdam, the Netherland, pp. 1169-1172

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Continuing Technical Development				
Date	Development Activity	Organizer /Provider	Knowledge and/or Skills to be Developed	Duration
Mar. 2012	Network+	Kahkeshan e Noor Institute <i>(Certified)</i>	An introduction to IT and Network concepts and structures	1 month
Jul. 2011	Network Analyzer measurement	Fanamoj Co.	Time Domain measurement using HP Network Analyzer to tune DVBT mask filters	1 week
Sep. 2010	Ansoft HFSS	Fanamoj Co. <i>(Certified)</i>	Microwave Simulation using Ansoft HFSS	2 weeks
Nov. 2009	Network Analyzer measurement	Fanamoj Co. <i>(Certified)</i>	None linear measurement by Agilent Network Analyzer	1 week
Aug. 2008	Wave-Guides introduction	Self-study	Acquaintance with Wave-Guides systems	2 weeks
Jul. 2008	Solid Works software	Fanamoj Co. <i>(Certified)</i>	Industrial sketching and 3D design and modeling in Solid Works software	1 month
Jun. 2008	Network Analyzer measurement	Fanamoj Co.	Microwave measurement by HP Network Analyzer	2 weeks
Nov. 2006	Microwave quick start	Self-study	Acquaintance with basic microwave concepts	3 months
Jul. 2006	Protel software training	Self-study	Schematic and PCB design of circuits	2 months
Oct. 2005	AVR microcontrollers	Self-study	Learning programming of AVR microcontrollers and design an educational board	3 months