

Education

Master of Science: Electrical Engineering (Fields and waves) Sep.2012-present, University of Noshirvani institute of technology, Babol, Iran

- Tuition paid by Iranian government grants

Bachelor of Science: Electrical Engineering (Electronics) Sep.2008-Sep.2012
University of Noshirvani institute of technology, Babol, Iran

- Tuition paid by Iranian government grants
- GPA: 16.48/20
- Thesis: design antenna by EBG (Electromagnetic Band Gap) structure for decreasing SAR (Specific Absorption Rate) of mobile phone from human body under supervision of Dr.B.Zakeri

Diploma: Mathematics and Physics, Sep.2004-June.2008
Dr. Mitra and Jamshidnejad High School, Amol, Iran

- GPA: 19.80/20
- Best class GPA multiple years

Teaching Experiences

- Teaching AVR microcontroller, Robotic club, School of ECE, University of Noshirvani institute of technology, summer and fall 2011
- Teaching robotic, Shahidmirzadeh research institute, Babolsar, Iran, summer 2010
- Teaching robotic, Hafez elementary school, Fereydonkenar, Iran, spring 2011
- Teaching robotic, kids and teenagers' creative studying institute, Babol, Iran, summer 2013

Selected Projects

- **Line follower Robots**, Robotic club of university of Noshirvani, fall and spring 2009
- **Controlling robotic arm with 5 degree of freedom by servo motors**, Robotic club of university of Noshirvani, fall and winter 2010
- **Demining Robots**, earning the first rank of demining robots of 8th Iranian robotic competition, held at University of Noshirvani institute of technology, Babol, Iran, spring 2011

Technical Skills

Familiar: Keil, ARM microcontroller, Auto CAD, C++, Visual basic

Expert: Simulation software: CST, Matlab, Proteus, Altium, Sketch up

- **Programming languages:** C, Basic
- **Programming software:** Codevision, Bascome
- **Microcontroller's programming:** AVR, PIC
- **Operating systems and Microsoft office:** Microsoft windows, word, Excel, Power point

Research

Interests

- Antenna Design and Wave Propagation
- Scattering
- Plasma Antenna and Plasma Stealth
- Metamaterials such as EBG structures
- MEMS Antenna
- Fractal Antenna
- Robotic and programming

Practical

Experience

- Technical Member of robotic club of university of Noshirvani institute of technology, 2009-2012
- Technical and jury Committee member of line follower robots of 9th Iranian robotic competition, held at University of Noshirvani institute of technology, Babol, Iran, May 2012
- Technical and jury Committee member of line follower robots of 4th provincial robotic competition, held at University of Noshirvani institute of technology, Babol, Iran, March 2011

Language

Skills

- **Persian:** Native
- **English:** Studying for advanced level
- Familiar with Arabic

Personal

- Female, single, DOB: 4/1/1990, Interests: Painting, Playing classical instrument, Climbing, and Travelling