

## EDUCATION

- 2012 – 2015 **Master of Science**, Electrical Engineering, Telecommunication Systems  
Faculty of Electrical Engineering, K. N. Toosi University of Technology (KNTU), Tehran, Iran
- ❖ Tier 1 National University
  - ❖ Tuition paid by Iranian government grants
- 2008 – 2012 **Bachelor of Science**, Electrical Engineering, Electronics  
Faculty of Electrical & Computer Engineering, Babol Noshirvani University of Technology, Babol, Iran
- ❖ Top Tier National University
  - ❖ Tuition paid by Iranian government grants
  - ❖ GPA: 17.03 / 20
- 2004 – 2008 **High School Diploma**, Kharazmi High School, Juybar, Iran
- ❖ GPA: 19.23 / 20

## RESEARCH EXPERIENCE

- Fall 2014 **Research Assistant**, Faculty of Electrical Engineering, KNTU
- ❖ Title: Smart Grid Communication Systems and Infrastructures
- Spring 2013 **MSc Seminar**, Faculty of Electrical Engineering, KNTU
- ❖ Energy Harvesting: Different aspects and viewpoints of EH and its applications such as Wireless Sensor Networks
- Fall 2012 **Research Project**, Faculty of Electrical Engineering, KNTU
- ❖ Adaptive Beam-forming of Smart Antennas using RSA Algorithm
- Spring 2012 **BSc Thesis**, Faculty of Electrical & Computer Engineering, Babol Noshirvani University of Technology
- ❖ Interleavers in Error Control Coding: Mathematical representation, classification, real-world applications and simulation. Several investigations of performance improvements in ECCs.
  - ❖ Supervisor: Dr. Ali Aghagolzadeh

## RESEARCH INTERESTS

- ❖ **Computer Networking:** Network security, Software-Defined Networking (SDN), Cloud Computing
- ❖ **Wireless and Mobile Networks:** WLAN and Ad-Hoc vehicle applications

## SELECTED COURSES

- ❖ **MSc:** Mobile Communications, Spread Spectrum Communications, Cryptography, Neural Networks
- ❖ **BSc:** Computer Architecture, Telecommunications I, Fields & Waves, Antenna Theory

## TEACHING EXPERIENCE

- 2013 - 2014 **Teaching Assistant**, Electric Circuits (Undergraduate), Three consecutive semesters, KNTU

## WORK EXPERIENCE

- 2017 – Now **Huawei Technologies**, Tehran, Iran
- ❖ **Digital CRM Test Engineer**
    - Implementing and deployment of several test procedures for MCI operator projects
- 2013 – 2016 **Center for Applied Control Systems**, Babolsar, Iran
- ❖ **Systems Engineer**
    - Interface design of brochures and manuals

❖ **Software Engineer**

- Website design, development and maintenance
- Interface design and programming team member of a POS system for ARM processor in Keil environment
- Interface design and programming team member of a POS system in Android
- Member of programming team of an Android app for a location detection device employing GPS

❖ **Financial Manager**

- Coordination of sales
- Keeping records of purchases and transactions

May 2012

**Technical Advisor and Member of Executive Board**, Line-followers League, Nationwide Robotic Competition, Babol Noshirvani University of Technology, Babol, Iran

---

**COMPUTER SKILLS**

- ❖ **Programming:** C, C++, C#, Swift, MATLAB
- ❖ **IDE:** Eclipse, Microsoft Visual Studio, Xcode
- ❖ **SDK:** Android Studio, Java (SE)
- ❖ **Design:** Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver, Google SketchUp, AutoCAD
- ❖ **Web:** HTML, CSS, PHP
- ❖ **EE:** pSpice, Proteus, Eagle, Bascom AVR, CodeVision, Keil
- ❖ **Simulation:** MATLAB Simulink, toolboxes and pure coding
- ❖ Experience with **Linux** and **Macintosh** command line

---

**MEMBERSHIPS**

2013 – 2014

**Student Member**, Iranian Cryptography Society branch at KNTU

---

**LICENSES**

Fall 2016

**CompTIA Network+**, Tehran Institute of Technology

Spring 2017

**Configuring Windows 8.1**, Tehran Institute of Technology

Spring 2017

**Cisco CCNA**, Tehran Institute of Technology

---

**HONORS**

Sep 2012

Awarded 2<sup>nd</sup> rank among Electronics BSc graduates

May 2012

Ranked among top 1%, Nationwide Entrance Examination of Iranian Universities for MSc

May 2008

Ranked among top 1% of over 450000 competitors, Nationwide Entrance Examination of Iranian Universities for BSc

---

**PERSONAL**

- ❖ **Art:** Iranian traditional music, Persian poetry and literature
- ❖ **Sport:** Playing soccer, basketball, biking, mountain climbing
- ❖ **Languages:** Persian (Native), high level of English proficiency (Academic IELTS: 7.0)
- ❖ **Hobbies:** Listening to English and French music, cooking, reading novels, traveling

---

**REFERENCES**

- ❖ Excellent References Furnished upon Request