

## PERSONAL INFORMATION

# Hossein Hashemi



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Sex **Male** | Date of birth **09/03/1991** | Nationality **Iran**

## WORK EXPERIENCE

- **Device and Field Testing Engineer at Marquistech** Role experience included cooperation with LG, OPPO, Realme, Xiaomi, Mediatek, VIVO, Apple companies. Italy. 2019 – Present.  
[An Experienced telecommunication Senior Test Engineer professional with more than 4 Years' Experience offering diverse background of knowledge and experience of 5G, 4G, 3G, 2G, VoLTE, VT, VoWiFi, SRVCC, LTE, E-SIM, WCDMA and GSM. #QxDM, QCAT, ELT, Shannon, SPRD, QPST, Catcher and Wireshark, BugZilla.]
- **Technical Inspector** at WIKA ITALY srl, Peroni Pompe SPA, AB PROGETTI srl, B&P water technologies srl, etc. Italy. 2020. (Freelancer).
- **Computer Vision Engineer** at AI Retailer Systems company, Zürich, Switzerland, 2019.
- **Network Engineer** at Quadriga company, London, England, 2016 – 2018. (Part time).
- **Web Developer** at Negah3 company, Mazandaran, Iran, 2013 – 2015. (Part time).
- **Computer Engineer** at Sazeh Gostar Sani Company, Tehran, Iran, 2014 – 2015. (Insurance Record).
- **Senior System Engineer** at Boland Payeh Azar Company, Tehran, Iran, 2013. (InsuranceRecord).
- **Administrative Director and Delegate In Province** at Tarh-O-Kavosh Engineering Company, Tehran, Iran, 2011 – 2012. (Insurance Record).
- **IT Manager** at Oilseed Crops Development Company, Mazandaran, Iran, 2011. (Insurance Record).
- **Teaching** Matlab Programming Languages, also Robotics and professional AVR microcontroller in the Tehran technical complex, 2014 – 2015. (Part time).

## EDUCATION AND TRAINING

- **Master of Computer Science - Informatica**, Sapienza Università di Roma, Rome, Italy. 2020 – present.
- **Master of Science in Engineering in Artificial Intelligence and Robotics**, Sapienza Università di Roma, Rome, Italy.
- **Discontinuous Bachelor's in Computer Engineering**, Institute of Higher Education Salehan, Ghaemshahr, Iran. 2012 – 2015.
- **Associate Degree in Computer Science**, Islamic Azad University Sari Branch Sari, Iran. 2010 – 2012.

## PERSONAL SKILLS

Mother tongue	Persian/Farsi.				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Excellent
Italian [B1 level]	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

### Computer skills

- **Programming Languages:**  
Swift, Python, MATLAB, C++, PHP, CSS3, Java, HTML, JavaScript.
- **Operating Systems:**  
Linux, Windows, MacOS

### Soft skills

- Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times
- Thrive in a team environment and work well with others.
- Enjoy working as a team member as well as independently.

### Technical skills

- Log capturing on logging tools like QxDM, ELT, Shannon, Spreadtrum, Catcher, Wireshark, ADB and On device logging using different APK files depending upon chipset.
- Primary log analysis and field testing for VoLTE, SRVCC, VoWiFi, LTE, WCDMA and GSM devices i.e. Global devices (Worldwide Phones).
- Overall good understanding of IMS/LTE/WCDMA/GSM wireless systems.

## ADDITIONAL INFORMATION

### Patent

- **Commute Controlling In Vehicle (Intelligent Traffic Lights)**, Patent Publication Number: 53864, Iran, (Oct/19/2008).

### Book

- **24 Stories from Mazandarani Newcomers**, Workshop Members of Hamnegar Sari. (ISBN: 9786001000829).

## Honours and awards

- 13K EU grants Research proposal by European Training network, Torno-Subito, HORIZON 2020.
- Gold Medal in Robotics Contest of Noshirvani University.
- First Place in International Robotics Contests (Iran Open).
- Won the award of the Kharazmi International Festival.
- First place in province of the Kharazmi National Festival and thirtieth place in superior work in the country.
- Won the award of the International Festival of Traffic.
- The Best Short Story Award In Literature Festival in Iran.
- Achieving to "The Top Inventor of the Province" In the Provincial Congregation of The Ministry Of Education.
- Won the award of the Festival of Innovation and Creativity.
- First Place in the Provincial Computer Olympiad.

- Journals**
- Controlling the Depth of Anesthesia During Operation by Vital Parameters of the Patient's Body Using a Fuzzy Controller, Mohammad Reza Yousefi, Nazanin Dehghani Samani, **Hossein Hashemi**, Fatemeh Shahlaei, 2018 IEEE International Symposium on Medical Measurements and Applications (MeMeA), August 2018.
  - Automatic Image Processing of Stained Tissue Cells Using Clustering And an Improved Watershed Method (**Hossein Hashemi**, Sahar Farajzadeh, Nadia Bagheri), In Press.
  - Evaluating Feature Extractors and Dimension Reduction Techniques for Near Infrared Face Recognition Systems, (Sajad Farokhi, Usman Ullah Sheikh, Siti Mariyam Shamsuddin, Jan Flusser, **Hossein Hashemi**), Jurnal Teknologi, Malaysia 2014, (eISSN 2180–3722).

- Membership**
- Institute of Electrical and Electronics Engineers (IEEE), 2014 – present.
  - Iranian Society of Machine Vision and Image Processing, 2012 – Present.
  - Young Researchers and Elite Club Iran, 2009 – Present.
  - Robotics Research Center IAUSARI (R2C Team), 2010 – 2012.
  - Hybrid Car Research Center IAUSARI, 2011 – 2012.

**HOBBIES**

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- **Sports:**  
Bicycling, Rock Climbing, Mountain Climbing.
- **Literature :**  
Writing short stories.

**REFERENCES**

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Reference provided upon request.