

### Education

#### Diploma (2010-2014)

▣ Graduated in Mathematics and physics discipline.

#### Bachelor of Engineering (B.Eng.) (2014-2018)

▣ Candidate for Bachelor of Engineering - Mechatronic & Electronic (Two Degrees at the same time).

▣ Ranked 1th among 36 ungraduated students of Mechatronic Engineering Department.

▣ Ranked 1th among 37 ungraduated students of Electronic Engineering Department.

▣ GPA (Mechatronic): 18.88 out of 20

▣ GPA (Electronic): 18.48 out of 20

#### English Course (2005-2013)

▣ Masters with Initial Certification (MIC) degree

▣ First Certificate of English (FCE) degree

#### Advanced Robotic Curses (2006-2010)

▣ Mine Sweeper robots

▣ Maze robots

▣ Line Follower robots

▣ 2D Football programming

#### Articles

▣ Vaezi Kakhki MR., "Remove GSM Frequencies on FSS Plates", ICTCK 2018

#### Researches

▣ DSP Processors (C6713)

▣ Resume: Mohammad Rasool Vaezi Kakhki

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▣ ZigBee's Processors

▣ PLC Programming

▣ Drones (such as copters) Controlling and Programming

#### Experience

▣ Electronic Producing (June-22th-2017 – July-22th-2017)

Nian Electroic (Toos Industrial City-Mashhad-Iran)

I worked in the QC, CQC and P&C, a section that checks the microchips, high voltage boards and controlling production. And, I

worked in R&D section for enhancing the production.

▣ Teacher Assistant (TA) for these lessons (2014-2018):

Hakim Sabzevari University (Sabzevar, Post Code: 9617976487, Iran, Asia).

▣ Electronic Circuits

▣ Material Resistance

▣ Electronic Machines

▣ Industrial Drawing

Writer and Designer of Masir Academic Publications (2014-2018).

Hakim Sabzevari University (Sabzevar, Post Code: 9617976487, Iran).

## Achievement and Successes

- Mine Sweeper robots , Maze robots, line follower robots have been built.
- Portable Lab device for quad copters that export controlling data have been designed.
- Ranked 1th at Computer Olympiad at the regional level.
- Ranked 6th at the Kharazmi Festival for Rescue robot

## Laboratory Skills

- Wilding
- Soldering
- Electrical Oscilloscope
- Producing robots' body
- QC, P&C and CQC

## Other Skills

- PLC Programming (logo and ...)
- VHDL Programming
- C and C++ Programming
- Web Designing and PHP and HTML Programming
- Designing Robots
- Designing Circuits
- Resume: Mohammad Rasool Vaezi Kakhki
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- Proficient with:
- Linux
- Solid Works
- Matlab
- Orcad
- Proteus
- Code Vision AVR
- Quartus
- PhotoShop
- ADS
- Factory IO