

## CURRICULUM VITAE

### Personal Data

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**Name:** Saman rezazade  
**Telephone:** +98 918 5885753  
**E-mail:** sam.rezazade@gmail.com  
**Date of birth:** 16 September 1992  
**Nationality:** Iranian  
**Sex:** Male  
**Marital status:** Single

### Education

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2011-2015 Bachelor's degree, Electrical and Electronics Engineering.  
**Arak University of Technology, Arak.**  
2015-2017 Master's degree, Electrical and Electronics Engineering, Power Electronic.  
**Shahid Beheshti University, Tehran.**

### Work Experience

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2014-Present Vehicle, Fuel and Environment Research Institute (VFERI), University of Tehran.  
Post: Research and Development Engineer  
2015-Present Power Electronic Research Laboratory, Shahid Beheshti University,  
Head: Professor Afjei  
Post: Research Assistant

### Projects Experience/Activities

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2017 Design and simulation of Zeta converter as Power Factor Correction  
2017 Studying on Performance improvement algorithm of GVR Recloser  
2015-2016 Design and Construction of Traction Drive for Hybrid Electric bus  
2016 November Design and simulation Axial Flux Switch Reluctance Motor with Change Structure  
2016 Studying and Simulation of Power Average Sharing in AC/DC Micro grid  
2015 Design and simulation structure of inverter in Traction Drive  
2015 Studying and Simulation drive of Switch Reluctance Motor  
2014 Design and Simulation of Hybrid Electric Vehicle Runna  
2014 Simulation of stability of power system at 50Hz frequency with control volume of Turbine gas (Governer droop)  
2013 Simulation and Construction of single phase rectifier  
2013 Simulation and Construction of Sound amplifier

## **Languages**

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Persian: Native or bilingual proficiency

Kurdish: Native or bilingual proficiency

English: Limited working proficiency

## **Computer Skills**

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Electrical Engineering Software  
Programming  
Microcontrollers

Pspice, Altium Designer, Proteus, Matlab, JMAG Designer  
Code vision, Keil, C, Ladder, Fatek PLC  
AVR, ARM

## **Certificates**

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ARM Microcontroller  
Fatek PLC

## **Research Interests**

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Wireless Power Transfer  
Resonant Inverter  
Micro Grid  
Hybrid Electric Vehicles  
Power Quality  
Motor Controllers and Drive System  
Switch Reluctance Motor  
Renewable Energy  
Power Electronics  
FEM

## **Publications**

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- [1] A. Saleki, S. Rezazade and M. Changizian, "Analysis and simulation of hybrid electric vehicles for sedan vehicle," 2017 Iranian Conference on Electrical Engineering (ICEE), Tehran, 2017, pp. 1412-1416.
- [2] H.Moghbeli, A.Saleki , S.Rezazade, "Design and Simulation of electric drive for hybrid vehicle Runna," National Conference of Technology , Energy and Data on Electrical & computer engineering 1394