



# Amirhosein Nojehdehi

Email: [anojehdehi@gmail.com](mailto:anojehdehi@gmail.com) | LinkedIn URL

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## Personal information

Date of Birth: 1985 | Gender: Male | Marital status: Single

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## Key skills and knowledge areas

- Powertrain design, development, testing & Validation
  - Maintenance & repair of rotating & reciprocating machinery
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## Education

2013-2015 University of Applied Science, Tehran  
BSc, Mechanical engineering

2009-2011 Azad university, Tehran  
Associate degree, Auto-mechanic

2000-2003 Tehran  
High school diploma degree, Auto-mechanic

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## Work experience

### GM locomotives' load test Motorist

Tam Locomotive Arya Co. | Tehran railways maintenance & Repair  
Jun 2015-to present

### Internship

Tam Locomotive Arya Co. | Tehran railways maintenance & Repair  
Feb 2014-May 2015

### Engine testing technician

Irankhodro Powertrain Company (IPCO) | Engine testing laboratory  
Dec 2011-Dec 2013

## **Teacher (courses containing Theory & Experiment of commercial vehicles)**

Karafarinan & Allame Tabatabaei schools | Tehran  
2008-2011

## **Rotating machinery technician**

Polypropylene-Jam Co. | Assaloyeh  
Jul-Dec 2008

## **Rotating machinery Repair technician**

Arya Sasol Polymer Co. | Assaloyeh  
2007

## **Research activities**

Khaje Nasiroddin Toosi University of technology | School of mechanics  
1996-2003

### *Achievements:*

- Participation in the student project "Peykan Avenger" engine optimization | Mazda carburetor was carried over and the engine torque and emissions performance were studied.
- Performing the Optimization testing of fuel injection system in diesel engine OM314
- Participation in the manufacturing of auto and moto models for training
- Performing vehicle & motorcycle engine tests under the supervision of Dr. Jazaeri
- Performing Combustion and fuel consumption tests under the supervision of Dr. Jazaeri
- Member of the manufacturing team of electric car "Ghasedak-e-Nasir"
- Service and repair of the so-called "glass cylinder head" single-cylinder engine

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## **Awards & Publication**

- First place in the Qualification competition in the Field of vehicle repair and troubleshooting between country's vocational schools in 2003
- Receiving appreciation letters from the governor of the town Shahryar as the elite of the year 2003
- Ayyob Daraei, Amirhosein Nojehdehi, Piston failures - identification & analysis ,nikmehr publication 2016