

Mahmoud Hassan Pour Dargah

Education

1991-1996 BS in Mechanical Engineering, Iran University of Science and Technology, Tehran, Iran

Professional Experience

- 2009-Till now University of Cincinnati, Intelligent Maintenance Systems Lab, Cincinnati, OH
Graduate Student
- 2008 **Greenvolts, Inc.** (Concentrated Photo Voltaic modules manufacturer), San Francisco, CA
Testing Consultant
- 2003-2007 **Test and Research Auto Co.** (Automotive testing center), Tehran, Iran
Chief Engineer, Head of Powertrain Testing Department
- 2001-2003 **Test and Research Auto Co.** (Automotive testing center), Tehran, Iran
Engine Lab Supervisor
- 1999-2001 **Test and Research Auto Co.** (Automotive testing center), Tehran, Iran
Test Engineer
- 2001-2005 **Acean Co.** (AFS Global Representative in Iran, Engine CNG fueling systems, Part Time), Tehran, Iran
Technical Consultant
- 1998-1999 **Iskra Auto Electric of Iran** (Manufacturer of engine alternators, starter and ignition coils), Tehran, Iran
Technical Director
- 1997-1998 **Meregan Pahne Engineering** (Manufacturer of automotive harnesses, Part time), Tehran, Iran
Mechanical Engineer

Selected Technical Trainings

- Cadett V12 engine test cell automation system programming, operation, and maintenance (CP Engineering, UK)
- Vectis (CFD software), basic course (Iran Khodro Engine Research Co, Iran)
- PUMA engine test cell automation system programming, operation, and maintenance (AVL List, Austria)
- PSA engine testing procedures and testing methods (Peougout-Citroen group, France)
- Introduction to engine lubricants validation tests (Total Fina Elf, Iran)

- Sensors in industrial applications (Festo, Iran)
- Calibration (SAPCO, Iran)
- Autronic engine management system calibration (Zepspeed, Iran)
- ISO 17025 requirements (SAPCO, Iran)

Teaching Experience

2003-2007 **Test and Research Auto Co.,** Tehran, Iran

- Engine management systems, principles and operation
- PUMA automation system for ICE testing (Engine testing automation system)

2003 **Iran Diesel Engine Manufacturing,** Tabriz, Iran

- Principles of SPARROW CNG fuel management system

1996-1998 **University of Imam Hossein,** Tehran, Iran

- Metal casting and modeling workshop instructor
- Teaching assistant

Skills

- PCB design package (Eagle, intermediate)
- ATMEL AVR embedded programming in C and assembly (Intermediate)
- Igor Pro
- ACAD
- Matlab
- LabVIEW