

## PERSONAL INFORMATION

## Behrouz Yazdani

📍 Via Ormea 110BIS, 10126 Turin (Italy)

☎ +393461856866

✉ behrouzy01@gmail.com

💬 Skype behrouzy01

Sex Male | Date of birth 01/12/1984 | Nationality Iranian

## WORK EXPERIENCE

9/2017–Present

## Functional safety manager

Pininfarina, Turin (Italy)

- Gap analysis and internal audit of processes for implementation of Functional Safety
- Defining and managing of safety rules and safety culture at company level, across projects
- Safety analysis on E/E domain systems (HARA, FMEA)
- Preparing the safety plan
- Preparation of item definition and functional safety concept
- Preparation of safety case
- Steering the safety related activities within the project
- Interface with the customer and suppliers for functional safety
- Participation in the Risk Analysis and FMEA sessions

9/2016–9/2017

## Functional safety engineer / manager - FMEA moderator

Bitron, Turin (Italy)

- Processes and methodologies definition
- Gap analysis on current company processes
- Elaborating on safety requirements (received normally from OEMs)
- Preparation of technical safety requirements
- Documentation and generation of safety plan and safety case
- Safety analysis (FMEA, FMEDA, FTA,...)
- Safety HW, SW design
- Training of related staffs

1/3/2016–30/9/2016

## Functional safety engineer - FMEA moderator

Punch Powertrain, Eindhoven (Netherlands)

As a member of system engineering group I follow functional safety activities which can be highlighted as:

- Process definition (work templates, checklists, safety plan etc.)
- HARA and item definition
- Safety concept
- Functional and technical safety concept design
- Safety analysis (quantitative and qualitative)

S-FMEA analysis:

- System definition
- System boundary diagram realization

- Definition of Parameter Diagram
- Capturing Failure modes and their effects
- Analysis the risk associated numbers (Severity, Occurrence, Detection)
- Organizing meeting and sessions with related people to discuss about the system under question aspects

In particular I was the functional safety project manager of a hybrid transmission system in which I needed to analyse the system from a hybrid vehicle point of view which is different than conventional combustion systems.

#### 1/11/2014–1/3/2016 **Vehicle testing and integration**

McLaren automotive, Woking (United Kingdom)

As a member of integration and validation team the main duties can be listed as:

##### **Vehicle integration:**

- Vehicle SW flashing and updating
- End Of production Line process of electronic components
- Checklist and commissioning documents fill out for vehicle integrity
- Vehicle troubleshooting and diagnosis

##### **Testing and validation**

- Leading testing and validation activities
- Test plans and cases generation
- Running test cases
- SW validation
- DF(distributed functions) documentation

#### 9/9/2013–30/10/2014 **EE engineer**

IDEA institute

Via Vittime del vojant, Moncalieri (Italy)

In collaboration with BMW we were developing 3 models of middle size scooter. In this project I was a part of electrical / electronic department, beside that at the same time I was responsible for implementation of ISO26262 on that project on ABS module.

General duties:

Documentation

ISO26262 coordinator

BOM management

Supplier coordinator

**Business or sector** automotive

#### 1/1/2009–31/7/2010 **Technical project manager**

Pardisan Co, Qazvin (Iran)

Automatic egg tray production line construction

- Personnel management
- Budget management
- Technical supervisor
- connection with suppliers

**Business or sector** packaging

#### 1/1/2008–31/7/2008 **Electrical engineering technician**

Pardisan Co, Qazvin (Iran)

production line supervision

Production line supervision (working with semi and full automatic machinery, working with PLC hydraulic and pneumatic machine)

Business or sector packaging

## EDUCATION AND TRAINING

- 20/9/2010–27/3/2013 **Master of science in electronic engineering (minor - embedded systems engineering)**  
Polytechnic of Turin, Turin (Italy)  
comprehensive view of embedded systems from design to testing and validation  
**The final master thesis: Airbag ECU unit reliability analysis based on ISO26262 (ASILD) requirement**
- 20/9/2003–20/5/2008 **Bachelor of science in electrical engineering (minor - control engineering)**  
Imam khomeini international university, Qazvin (Iran)

## PERSONAL SKILLS

Mother tongue(s) Persian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Toefl 83					
Italian	B2	B1	B1	B1	B1
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

## Communication skills

- Communication skills gained through studying and working for about 8 years in 4 different countries (Italy, UK, Netherlands, Belgium)
- Very sociable and open minded

## Organisational / managerial skills

- Feel of responsibility
- Leadership
- Sense of organization
- Managing skills, gained through working as a tour leader for 3 years and project manager in industrial atmosphere

## Job-related skills

- Excellent:**
- Functional safety , ISO26262
  - FMEA, FMEDA, FTA
  - Requirement management, Configuration and change management
  - Gap analysis and process definition

- Project management
- Testing and integration (Testing from low level / semi-conductor to high level system)
- DTS diagnosis tools (Monaco, venice etc.)

**Good:**

- CAN communication system and it's analysis tools (CANalyzer , CANoe)
- ADAS
- PHEV, EV
- Automotive SPICE, CMMI
- ISO 16949, ISO 9000
- AUTOSAR

## ADDITIONAL INFORMATION

**Publications** 2013 Behrouz Yazdani, Paolo Bernardi, Ernesto Sanchez, Oscar Bollan "A Software-based Self-Test for online testing thescan chain circuitries in microprocessors" IOLTS 2013

**hobbies** Travel , photography , cycling , reading , movie , city surfing , chatting, socializing