Laurentiu Mihai Boghiu

• 07884710769

• [lorens\_sound@yahoo.com](mailto:lorens_sound@yahoo.com)

**Personal statement**

I am a professional personal engineer with experience in electrical wiring harness and design. I am an organised and efficient individual. I have acquired a knowledge base of automotive electrical engineering over the course of nearly four years in the industry. I can control the design and manufacture an electrical wiring harness from the beginning of a project and into vehicle launch.

* Experienced production and design engineer in the Automotive Industry with knowledge of systems engineering, harnesses design, design analyses, concepts, proposals and 2D construction

**Employment History**

**EDS Engineer, Delphi wiring systems, Gaydon, UK**

*(February 2016 – present)*

* EDS Engineer on L550 (Discovery Sport), L551 (New Range Rover Evoque) and X540

Achievements and responsibilities:

* ECR implementation and management
* Read and understand circuit diagrams
* DFM review and resolution
* Enovia AIM’s 2 management (automated issues management)
* Build support in JLR factories
* JLR release process
* JLR timing and gateway
* Changing drawings according to customer (JLR) request.
* Create new 2D drawings using Teamcenter Visualisation Mock-up
* Teamcenter Visualisation Mock-up reviews and Virtual Builds.
* Checking 2D drawings vs 3D drawings using CATIA V5

**Circuit Engineer, Draexlmaier, Stoneleigh, UK (D7a, D7u, D8) Engine AJ200**

*(December 2015 – February 2016)*

* Design and construct circuit diagrams in-line with customer device transmittals
* Co-ordinate circuit requirements with customers and support changes as required
* Control, record and implement engineering changes to circuit drawings.
* To liaise with system owners to understand circuit requirements and design, layout and produce circuit drawings using Vesys.

**EDS Engineer, Leoni wiring systems, Gaydon, UK (D7a)**

*(June 2014 – November 2015)*

* I worked on Jaguar XF, Jaguar XE and Jaguar F-SPACE (SUV)

Achievements and responsibilities:

* ECR implementation and management (track ECR implementation on correct harnesses level, timing plan is very important also)
* Read and understand circuit diagrams
* DFM review and resolution
* JLR AIM’s management (automated issues management)
* Build support in JLR factories
* JLR SDS and PDP-181 reviews
* JLR release process
* JLR timing and gateway
* Changing drawings according to customer (JLR) request.
* Create new drawings In CAPITAL HARNESS
* Teamcenter Visualisation Mock-up reviews and Virtual Builds.
* Checking 2D drawings vs 3D drawings using CATIA V5

**EDS Engineer, SUMITOMO ELECTRIC WIRING SYSTEMS, Deva, Romania**

*(June 2012 – june 2014)*

* Achievements and responsibilities:
* concept and harnesses checking
* design proposal and fixing proposals
* 3D data (drawings) according to customer request using CATIA V5 (electrical work bench)
* Checking 2D drawings vs 3D drawings using CATIA V5
* collaboration with the main Design office from Paris, with engineering department from Deva Factory and assembly & quality departments from Pitesti factory (Dacia Group Renault)

**DRIVER LICENSE**

* Holder  of a clean UK drivers license.

**PERSONAL SKILLS AND COMPETENCE**

* organizational and decision making capacity
* good negotiator and coordinator
* high capacity to assimilate new information’s
* inventive, spontaneously, responsible
* availability to travel on business

**COMPETENCE AND COMPUTER KNOWLEDGE**

* Capital Harness
* Vesys Design & Harness
* Teamcenter Visualisation Mock-up (Digital-buck)
* Catia V5
* JLR Internal Systems
* Operating systems: Windows XP and 7, Microsoft Office 2003/2013,

(Outlook, Power Point, Word, Excel),

**Education**

**College/School Name**

"Politehnica" University of Timisoara, Faculty of Engineering (2008 – 2012)

Electromechanical engineering

**Hobbies & Interests**

In my free time I like to repair cars, especially electrical problems, I know how to diagnosis a car, I have software’s and tools for this,

I have experience in good problem solving techniques and skills, including fault finding, system & de-bugging,

Also read dumps from each modul from a car, modifies, write it back. (ex. To remap an ECU engine for more power, or to roll up windows from your remote, or read dump from cluster change parameters and write back) or many other applications.

Also I know how to change a clutch, cambelt, and all other mechanical parts.

I’m young and open for new challenges.

**References**

My team leader and my manager from Leoni:

Meirion Evans Mike Bankcroft

Mevan210@jaguarlandrover.com mbankcro@jaguarlandrover.com

07957218936 07778352042