

## PERSONAL INFORMATION

## Larisa-Andreea Mitulescu



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Sex Female | Date of birth 29/11/1989 | Nationality Romanian

## JOB APPLIED FOR

## Design Engineer

## WORK EXPERIENCE

21/03/2016–Present

## EDS Engineer

Yazaki Europe Limited, Basildon (United Kingdom)

**Routing and Packaging of Wiring Harnesses and Component:**

- Design and 3D drafting in Catia V5 using the Harness Tool;
- 3D data management using Teamcenter
- Package investigations and developments of solutions to EDS related package issues;
- Adhere to Customer specifications and requirements while developing designs (Design guidelines);
- Adhere to internal specifications and requirements while developing design (DFM, Cost, Procedures);
- Timely implementation of design changes during program developments, prototype and production build phase;
- Review designs with customer manufacturing team to ensure feasibility for instillation into vehicle;

**EDS Design:**

- Delivery the EDS design according to the program timing plan and in accordance with internal and customer requirements;
- Prepare marked up 2D drawing to support design changes;
- Check 2D drawings are in-line with the planned design prior to release;
- Participate in internal and Customer meetings to support EDS design and development;
- Support design reviews, prototype harness and vehicle builds at company and customer location;
- Preparation of 3D CAD design drafts for wiring harness components.

16/07/2012–04/01/2016

## Electrical Design Engineer

Sumitomo Electric Wiring System, Deva (Romania)

- Creating new drawings for costing purposes;
- Updating existing drawing according to the customer requests and also to the project engineering requests, that means architectural change of drawing especially modifying branches lengths/orientation/covering, adding connectors, splices, brackets, grommets, adding/editing wires specifications, etc;
- Checking the additional components that need to be suited for connectors and splices, considering the area where they will be installed in the car (for ex: dry or wet area);
- Creating the time reports for each operation of harness manufacturing. Those reports help to determine the volume of human resources and labor time necessary for meeting the deadline.
- Creating the bill of materials (BOM) for each harness.

## EDUCATION AND TRAINING

24/09/2012–18/06/2014

### Master Degree

EQF level 6

University "Politehnica" of Timișoara (Faculty of Engineering), Hunedoara (Romania)

- CAD/ CAM/ CAE with CATIA V5;
- Finite element analysis software (Algor Software);
- Creating projects based on the study material created 3D parts and their resistance under the action of external forces;

01/10/2008–22/06/2012

### Licensed Engineer

EQF level 5

University "Politehnica" of Timișoara (Faculty of Engineering), Hunedoara (Romania)

- Technical drawing
- Technical Graphics Computer-aided
- Strength of Materials
- Tolerances and Dimensional Control
- CAD (AutoCAD, INVENTOR, CATIA V5)
- Management

11/2011–01/2012

### Certificate

ISCED 6

University "Politehnica" of Timișoara (Faculty of Engineering), Hunedoara (Romania)

- CATIA V5 software fundamentals;
- Key features and application techniques of the following four basic modules of the program: CATIA Sketcher, CATIA Part Design, CATIA Assembly Design and CATIA Drafting.

09/2008–06/2011

### Psychological and pedagogical degree

University "Politehnica" of Timișoara, Hunedoara (Romania)

- Pedagogy
- Psychology
- Teaching Practice
- Classroom Management

15/09/2004–20/06/2008

### High school diploma

EQF level 3

Pedagogical School "Sabin Dragoi", Deva (Romania)

- Knowledge of mathematics, physics and computer science.

## PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	A2	A2	A2
Spanish	A2	A2	A1	A1	A2

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**

- Good communication skills gained through my experience as engineer in ADO team.
- Excellent interaction skills with engineers from other departments.
- Team spirit, open to new experiences, willingness to work long hours.
- Ability to adapt to different environments activity.

**Organisational / managerial skills**

- I participated in organizing several students work.

**Job-related skills**

- A good knowledge of manufacturing processes harness.

**Digital competence**

- I learned basic concepts about mechanics, machine parts, tolerances and dimensional control for various metal parts, and statistical calculation.
- I learned CAD (with autodek Autocad, Inventor, Catia V5), drawing, calculating the resistance of materials, etc.
- Good knowledge of Microsoft Office tools (Word, Excel, Outlook and PowerPoint).
- Average knowledge of 2D software (AutoCAD) and 3D (Autodesk Inventor and Catia V5).
- Elementary knowledge of ALGOR Simulation.
- Elementary knowledge of Capital Harness.
- Elementary knowledge of CATIA Electrical Harness (Electrical Part Design and Electrical Assembly modules).

**Driving licence** B

#### ADDITIONAL INFORMATION

References can be provided upon request.