

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **CĂLIN-IOAN BIRDEAN**

Address(es)

Telephone(s)

E-mail

Nationality

Date of birth

Status

### Desired employment / Occupational field

**Design Manager**

### Work experience

Dates Civil Engineer / System designer

01 oct 2013 – present

Occupation or position held System designer

Main activities and responsibilities Designing of glass, aluminium and steel systems, connections, interfaces, etc.  
Approval drawings, Installation drawings, Fabrication drawings  
Special transportation

Name and address of employer 3D and 2D Modelling of the structure in AutoCAD/ProSteel

Type of business or sector Josef Gartner GmbH – PERMASTEELISA GROUP, Beethoven Straße, Nr 5, Würzburg, Germany  
Building envelopes – Glass Facades

Dates 15 jan 2012 – 30 sept 2012

Occupation or position held Civil engineer

Main activities and responsibilities Approval drawings, Fabrication drawings and coordination,  
3D and 2D Modelling of the structure in AutoCAD/ProSteel

Name and address of employer SC H.I. STRUCT SRL, str Ciocarliei, nr 84, Timișoara, Romania – delegated from 15 jan 2012 to 30  
sept 2012 at GARTNER STEEL AND GLASS GmbH – PERMASTEELISA GROUP, Beethoven  
Straße, Nr 5, Würzburg, Germany

Type of business or sector Building envelopes – Glass Facades

### Education and training

Dates 01.10.2011-21.06.2013

Title of qualification awarded Master of Science in Advanced Design of Steel and Composite Structures

Principal subjects/occupational skills Knowledge in advanced design of steel and composite structures.

covered Introduction in FEM analysis programming, design of structures under fire action, design of high rise  
buildings and design of structures made of thin-walled profiles.

Good skills in computer assisted design such as Abaqus, Diamond 2007, Safir 2007.

Name and type of organisation providing education and training

"Politehnica" University of Timisoara  
 Faculty of Construction, Department of Steel Structures and Structural Mechanics  
 The Master Thesis was prepared under an Erasmus Programme at Technical University of Denmark in the period 04.02.2013 – 17.06.2013. It was done having as coordinators the head of section of structural engineering and his assistant from Technical University of Denmark and another two professors from "Politehnica" University of Timisoara, one of them being also the coordinator of my bachelor thesis. The theme was "Distortional Mechanics of Beams", which performs a detailed study of the behavior of thin-walled elements.

Dates 01.10.2007-15.07.2011

Title of qualification awarded Civil engineer

Principal subjects/occupational skills covered Knowledge in design of steel and concrete structures  
 Good skills in computer assisted design such as AutoCAD, Axis VM, SAP 2000, Tekla Structures, PRO Steel 2D&3D

Name and type of organisation providing education and training "Politehnica" University of Timisoara  
 Faculty of Construction

Level in national or international classification

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

**German**

**Spanish**

| Understanding |                  |         |                  | Speaking           |                  |                   |                  | Writing |                  |
|---------------|------------------|---------|------------------|--------------------|------------------|-------------------|------------------|---------|------------------|
| Listening     |                  | Reading |                  | Spoken interaction |                  | Spoken production |                  |         |                  |
| C2            | Proficient user  | C2      | Proficient user  | C2                 | Proficient user  | C2                | Proficient user  | C2      | Proficient user  |
| B1            | Independent user | C1      | Proficient user  | B1                 | Independent user | B1                | Independent user | B2      | Independent user |
| B2            | Independent user | B2      | Independent user | B1                 | Independent user | B1                | Independent user | B1      | Independent user |
| B1            | Independent user | B1      | Independent user | A2                 | Basic user       | A2                | Basic user       | A2      | Basic user       |

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

I practiced basketball as a team sport for more than 5 years at a professional basketball club. I played for the high-school and faculty teams in my home country and also for the Technical Denmark University team during an Erasmus programme. There i improved my abilities of team working and i developed a very good communication level.

During the period that I have been delegated to work for Gartner Steel and Glass I learned how to adapt to a new social and cultural environment. Using daily a foreign language and technical terms, my communication level has increased significantly. I bound new friendships and earned new knowledge about people`s social relationships and behaviours from that part of the country.

During the Erasmus Programme that I followed for preparing my Master Thesis at Technical University of Denmark I have been involved in student group meetings and activities where I improved my social competences and bound friendships with people from different countries. I had the chance to adapt for the second time to a new social and cultural society different from my home country.

Organisational skills and competences

Strong sense of leadership, highly organized, dynamic, excellent planning skills with great attention to detail and ability to prioritize work.

During bachelor study i organised curricular and extracurricular activities developing a good level in listening and reacting in consequence at different types of situations.

I worked with children of 7-11 years old as a basketball trainer for more than 3 years, where i improved my organisational skills and developed my abilities to explain and deliver tasks on different levels.

Working in a team at Gartner Steel and Glass GmbH, Würzburg (as delegated employee from SC HI Struct SRL) under a very good coordination, I learned how important is each member of a the team. I developed my abilities to respect the deadlines and to adapt to new situations being delegated different tasks. My organisational skills were also improved by learning a new system regarding the organisation of work

During the Erasmus Programme that I followed, I was introduced in a research team made of 5 students. There I had the chance to develop my teamwork and organisational skills, having an active participation throughout the meetings with the coordinate professors or co-student meetings. Delivering reports and formulating drafts for each weekly meeting I improved my responsibility to respect an established schedule.