

# Robert Ciprian Marinescu

## Personal Details

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## Education

### 2017 | InfoAcademy Course - Sql/Mysql

**Studi:** Databases fundamentals, Data definition language instructions, Data manipulation language instructions, Data control language instructions, MySQL data types, SQL expressions, Using indexes in databases, Databases design elements, Multi-table queries (join), Subqueries, View, Transactions, Variables, Prepared statements, Functions, Procedures, Triggers.

### 2017 | InfoAcademy Course - Java Programmer

**Studi:** Java fundamentals , Java data types, Operators, Execution control elements, Arrays, Classes and Objects, Language facilities and useful predefined classes, Inheritance, Java Packets, Accessing resources, Graphical interfaces design, Event handling in graphical interface applications, Complex Swing components, System exception, Java file system, Java streams, Collections, Generics, Multithreading, Java Database Connectivity.

### 2017 | InfoAcademy Course - C++ Programmer

**Studi:** C++ fundamentals, Variables and constants, Operators, C++ preprocessor, Execution control elements, Decisions and loops, Arrays, Pointers and references, Object oriented programming, Operators overloading, Aggregation, class inheritance and polymorphism, Template classes and template functions, Files and streams, System exception, Standard template library.

### 2015 | Faculty of Civil, Industrial and Agricultural Buildings - Technical University of Civil Engineering Bucharest

*Building Engineering Master*

- 2013

**Subjects studied include** Thermal protection of buildings, Modern building installations, Reinforced concrete systems for special buildings, Special foundation systems, Structural systems of masonry.

### 2013 | Faculty of Civil, Industrial and Agricultural Buildings - Technical University of Civil Engineering Bucharest

- 2008

Master thesis: "Designing the resistance structure of a residential building. "

Supervisor: Dr.engr. Nicolae Daniel Stoica

Dimensioning structural resistance elements, Establishing sectional efforts, Verification of structural movements, Computing and drawing structural elements.

**Technological Practice:** I successfully passed a three weeks based project following a practice organized by the Faculty of Civil, Industrial and Agricultural Buildings. The project consisted of an ample presentation of the construction sites visits. The presentation contained pictures, the details of the problems reported at those times on the site, as well as the proposed technical solutions. Also presented the project in front of faculty members in Faculty of Civil, Industrial and Agricultural Buildings.

**Subjects studied include** Reinforced concrete constructions, Wooden constructions, Metal constructions, Construction safety, Statics and dynamics, Geotechnics and foundations, Material resistance, Building Materials, Physics, Mathematics.

## Work Experience

Feb 2015	<b>Production engineer - Klebl Gmbh, IndustrieStrasse No.19, Angelburg, Hessen, Germany</b>
- Jun 2016	<i>Production engineer in a precast concrete factory.</i>  Achieving the daily production plan established with the German partner. Planning, organizing and coordinating productive staff. Checking the execution plans for the required production details. Checking the proper functioning of the factory equipment. Verifying compliance with health and safety procedures for productive staff.
Oct 2013	<b>Site engineer - Conarg AG, Nordului Street No.24-26, Tiriace Center, Bucharest, Romania</b>
Ian 2015	<i>Engineer in charge of quality control and health and safety at work.</i> Verifying compliance with health and safety procedures. Direct coordination of work execution activities, in compliance with provisions set forth in technical documentations and in technical execution procedures. Recording in quality records all the processes carried out on the site and drawing up the technical book of the construction.
Apr 2011	<b>CAD Technician - Aquila Reale Dell Etna, Campineanu Street No.17, Pitesti, Romania</b>
Ian 2013	Elaboration of plans, execution details. Checking graphic documentation. Modeling simple parts with CAD-based applications based on the designer's sketch.

## Certifications

2010	Certificate of german language competence - Technical University of Civil Engineering Bucharest.
2014	Certified health and safety inspector.

## Skills and competences

**Programming:** C/C++, Java, Python, Sql/MySQL

**Computer Systems:** Ubuntu, Windows

**Other skills and competences:** Microsoft Office, Autocad 2D, Autocad 3D, Etabs, SAP2000

**Languages:** Romanian (native), German (fluent), English (fluent)

## Interests and Activities

- Throughout the years of work experience, i developed a good communication capacity and rapid thinking, as well as analytical and synthesis capabilities.
- Tennis, kiteboarding and snowboarding with friends in my free time.