

Curriculum Vitae

Particulars:

First and Last Name: Philipp Legat
Date of Birth: 14.03.1983
Place of Birth: Marktredwitz
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E-Mail (gesch.): legat@ks-l.biz
Nationality: german
Marital Status: married (since 2014)

School Education:

09/1989 - 07/1993 Elementary school „Maximilian-von-Bauernfeind“ Arzberg
09/1993 - 07/1998 Secondary modern school „Maximilian-von-Bauernfeind“ Arzberg
10/1998 - 12/2001 State vocational school 1 Selb

Vocational Training:

09/1998 - 02/2002 Training as an energy electronics specialist in plant engineering at “Sigmund Scherdel GmbH Technical springs” Marktredwitz

Occupation:

03/2002 - 09/2002 Employment at “Scherdel KG” Marktredwitz

Further Education:

09/2002 - 07/2005 Technical college for further education Hof
08/2005 - 09/2005 Spanish course I at the University of Bamberg

Civillian Service:

09/2005 - 05/2006 Technical department of the hospital Fichtelgebirge / Marktredwitz
(Service and repair of electronic equipment, new electrical installation of the boiler house.)

Study:

10/2006 - 09/2012 Teacher for Vocational Schools at the university of Bayreuth
major: metal technology, minor: physics

07/2011 Approval work: "Dimensioning and development of constructive concepts of valves for an ORC-based mini CHP

01/2008 - 07/2012 Student assistant at the professorship of Design and CAD

Self-employment:

04/2009 – jetzt



Establishment of the company **Konstruktionservice Legat**

Conceptual design and construction of 3D-CAD models and assemblies, from concept development to mass production.

Creation of technical production drawings and product documentation as well as finite element analyzes (strength calculations).

Publications:

04/2012

"Simulation-aided assessment of the fatigue strength of a screw conveyor for a pellet dosing system of a combined heat and power plant"

At: Berger, Maik (Hrsg.): 4. Saxon Simulation Meeting and Mathcad Workshop. –Chemnitz: publishing company of the university of Chemnitz, 2012

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