

Software Engineer For Robotics And Creative Industries

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nationality Italy
languages German (native), Italian (business fluent),
English (business fluent)

Experience

from 11/2016 **Software engineer at Herzog & De Meuron dept. Design Technologies, Basel CH**
extensions for HMI of Sinumerik 840d;
conception & development of software for path-planning, collision-check und postprozessor of
the 5-axis cardanic CNC milling machine;
conception & development 3D-Drucker administration- and remotingtool for Ultimaker;
conception & development von high availability LiuxVMs (Hyper-V) for the hosting of software
services (e.g.: rocket.chat, GitLab, OTRS); softwaretools for Win7 IT-Administration

03/2014 - 07/2016 **Freelance software engineer, Innsbruck AT**
C# - custom software for exhibition construction of Volkswagen on
Autosalon paris, Audi Shanghai Auto Show and BMW IAA Frankfurt;
C#/C++ - Flexijet4Rhino (3D-Laserscanner Plugin für Rhinoceros);
Java - Rotronics (Android app for centralized gps machine tracking and logging);
PHP/JS - biokistl.it (conception & development of interface Onlineshop - ERP);
C# - FabTools (plugin for Rhinoceros for digital fabrication);
C# - Taco (plugin for Rhinoceros of path-planning, collision-check, inverse kinematik and post-
prozessor for ABB industrial robots);

06/2012 - 12/2013 **Software engineer at Kaulquappe GmbH, Zürich CH**
C# - custom software for the digital planning of the elephant house at the zoo zurich;
C#/PHP/JS - software BIM "Flächentool" for cooperative planning with a digital room book;
C# - custom software for exhibition construction

07/2011 - 09/2011 **Production worker at Hans Zipperle AG, Meran IT**

07/2009 - 06/2010 **Techn. assistant/production worker at Alpenfrucht GmbH, Tarantasca IT**

07/2008 - 09/2008 **Project deinSuedtirol.com (techn. consultation & programming)**

07/2007 - 08/2007 **Production worker bei Iprona AG, Lana IT**

07/2006 - 08/2006 **Production worker bei Iprona AG, Lana IT**

Education

03/2014 - 10/2016 **Thesis at the "Leopold Franzens Universität", Innsbruck AT**
Wirement - Simplified interfaces for new arts opportunities in architecture and design:
<http://wirement.blickfeld7.com>

12/2010 - 08/2011 **Study (Scholar Fellowship) at "Rennsellaer Polytecnic Institute", Troy (NY) USA**

12/2009 - 10/2010 **Study at "Politecnico di Torino", Turin IT**

09/2005 - 07/2009 **Study at the "Leopold Franzens Universität", Innsbruck AT**

2000 - 2005 **High school "Realgymnasium Albert Einstein", Meran IT**

1997 - 2000 **Mid-high school "Peter Rosegger", Meran IT**

1992 - 1997 **Primary school "Karl Erckert", Meran IT**

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