Roland Richard Benz

C u r r i c u l u m V i t a e

**Personal Information**

Education: Mechanical Engineer ETH



Financial Risk Manager GARP

Commercial Apprenticeship

Address: Felsberg 2, 8052 Zurich

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Date of birth: 26.06.1971

Nationality: Switzerland

Citizenship: Winterthur

Marital status: Single

Hobbies: Reading and Sports

**Studies/Education**

06.2010 – 06.2011 **CFA Institute, Charlottesville, VA 22903, USA**

CFA Level 1 of 3 passed, Level 2 taken in June 2011

12.2009 - 09.2010 **CAIA Association, Amherst, MA 01002, USA**

CAIA Level 1 of 2 passed

01.2007 - 11.2008 **GARP Inc, Jersey City, NJ, USA**

Financial Risk Manager, FRM

11.1997 - 03.2004 **ETH Zurich / EPF Lausanne**

Engineering Studies (MS degree)

08.1994 - 07.1997 **KME, Zurich**

Economic High School

08. 1994 – 07.1997 **Maag Zahnräder AG, Zurich**

Commercial apprenticeship

**Informatics**

**MS-Office 2007**

Excel, Word, Access, PP: ETH-Updating courses in 2009, used in several jobs

**Programming**

Base-SAS: Used for a UBS-Project in 2007

MS-VBA: Used for several jobs since 2006

C++: Used for ETH-Diploma thesis in 2004, kept up-to-date

Matlab-Simulink: Used for ETH-Term papers in 2001-2003 and several lectures

**Languages**

German/Swiss German: First languages

English: Level C1/C2, fluent

CAE-Diploma 2009, BEC-Higher course in 2010

French: Level C1

DELF2-Diploma in 2006 for the level B2

**Professional Experience after ETH-Studies**

08.2011 – **Syngenta AG, Basel (via Adecco)**

(Fixed term/Temporary contract)

Data Analyst in the group Portfolio Management Excellence.

07.2010 – 02.2011 **Feinschliff GmbH, Zurich**

(Permanent employment)

Accountant (50% part time) to finance the CFA studies. I handed in my notice to learn for the CFA Level 2 exam in June 2011.

03.2009 - 07.2009 **ETH, Zurich**

(Fixed term contract)

Several projects in the Security, Health and Environment department. Job to finance the CAIA Level 1 studies.

07.2007 - 09.2007 **UBS AG, Zurich**

(Fixed term contract and offer for a new one.)

Translating and reprogramming the preprocessing algorithms, which supply the data for the Monte Carlo Simulation, which generates the company wide loss distribution. Programs written in Base-SAS for the teams Aggregation & Portfolio Analysis and Country Risk Control. Job to finance the FRM studies in 2008.

02.2006 - 04.2006 **Zurich Financial Services Ltd, Zurich (via Poolside AG, Zurich)**

(Fixed term contract)

Preparation of a profitability analysis in the Underwriting Control department, i.e. the calculation of the loss- and combined ratio from database raw data.

03.2005 - 08.2005 **Prose AG, Winterthur**

(Internship, fixed term contract)

Several projects in the departments Measuring & Testing and Engineering & Consulting as a mechanical engineer.

10.2004 - 02.2005 **InnoPark - Zürich-Ostschweiz, Winterthur**

(Fixed term contract)

CAD-project with the 3D-CAD software Inventor as a mechanical engineer.

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**Internships** (Professional Experience during ETH-Studies)

11.2001 – 03.2004 **ETH Zurich/EPF Lausanne**

ETH term paper: Adaptive control of complex systems

ETH term paper: Prediction/simulation of stock indices

ETH diploma thesis: Robot localization

09.2001 - 10.2001 **ESEC SA, Cham**

(Internship, fixed term contract)

Project in the R&D Wire Bonder department during the studies in mechanical engineering. I wrote and executed test programs for the Wire Bonder in Matlab.

05.2001 - 08.2001 **Alstom Power Ltd, Baden**

(Internship, fixed term contract)

Project in the Power Plant Simulation department during the studies in mechanical engineering. Obtaining the documents, formulas and curves to program the simulator.

02.1998 - 03.1998 **Sulzer Turbo, Zurich**

(Internship, fixed term contract)

Workshop internship during the studies in mechanical engineering.

**Professional Experience before ETH-Studies**

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03.1994 - 07.1994 **NCR Schweiz, Wallisellen (just a name change, earlier name AT&T…)**

(Permanent employment)

Responsible for the accounting for fixed assets. I handed in my notice because I started the economic high school.

08.1993 - 02.1994 **AT&T Global Systems Solutions, Wallisellen**

**(via pkp beratungs AG, Zurich)**

(Temporary employment, fixed term contract)

Clerk in the marketing and the inventory accounting department. I got a permanent contract from the same company, which had changed the name back to NCR in the meantime.

04.1990 - 03.1993 **Maag Pump Systems AG, Zurich**

(Permanent employment)

Clerk in the export department and later in the accounts payable- and the operational accounting department. Responsible for the training of the department employees as SAP-module specialist. I left the company because of workforce reduction and restructuring.

04.1987 - 04.1990 **Maag Zahnräder AG, Zurich**

(Apprenticeship, fixed term contract)

Commercial apprenticeship. We moved from one department to another every six month (finance-, import-, export-, storage planning-, sales- and purchasing department).