

CURRÍCULUM VITAE

PERSONAL DATA

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EDUCATION

1980 - 1984 apprenticeship as tracer, Starrfräsmaschinen AG, Rorschacherberg, Switzerland
1985 - 1988 electronic engineering studies, University of applied sciences of technology NTB, Buchs, Switzerland, branch of study "electronics, measurement and control technology", graduate as Dipl.Ing.FH (Bachelor of Science in electronics)

ADVANCED VOCATIONAL TRAINING

1990 electronic power converter for electro motors, VDI, Düsseldorf
1992 test planning, TA Esslingen, Sarnen
1993 C-programming, Digicomp, Zürich
1993 electronic power converter for electro motors, ETH, Zürich
1994 electro drives, ETH, Zürich
1995 electromagnetic compatibility, EMTEST Dornach
1995 electromagnetic compatibility, EMC Baden, Baden
1995 - 1998 member task force "safety for electronic circuits" EMC (20 companies in the east of Switzerland)
1997 programmable logic controllers STEP7, Siemens, Zürich
1998 measurement of synthetic materials, Kistler, Winterthur
1999 programming LabVIEW, National Instruments, Ennetbaden
1999 PC based drive technology, National Instruments, Zürich
2000 LabVIEW under Windows2000, National Instruments, Zürich
2000 instruction for safety instructors, NTB, Buchs
2003 machine monitoring, National Instruments, Zürich
2003 programming LabVIEW Basics II, National Instruments, Ennetbaden
2004 vibration measurement, Vibrodyn, Otelfingen
2006 security in Windows XP, Microsoft, Cuenca
2006 backup system Simantec, Argosystems, Cuenca
2006 macromedia, Argosystems, Cuenca
2012 programmable logic controllers S7-1200 TIA, Siemens, Cuenca
2012 monitoring of energy reds, Siemens, Cuenca
2013 energy efficiency with Siemens drives, Siemens, Cuenca
2013 vibration measurement, Adash, Ostrava, Czech Republic
2014 automation system mTRON T, JUMO, Lima, Peru
2014 liquid analysing system AQUIS Touch, JUMO, Lima, Peru
2014 control with Profinet, Siemens, Cuenca

EXPERIENCIA PROFESIONAL

PRACTICAL EXPERIENCE

1984 - 1985 clerical assistant, Hälgi & Co AG, St. Gall
1989 - 1991 development engineer HW/SW, CMC AG, Schaffhausen
1991 - 1998 test engineer (test field), Benninger AG, Uzwil
1998 - 2005 scientific assistant, University of applied sciences of technology NTB,
laboratory for measurement and simulation, cooperation in technology transfer
2000 - 2004 (avocation) course instructor informatics, business school BZB, Buchs
2005 - 2006 course instructor and project leader, Foundation CIAS (Centre for Interamerican Studies),
Cuenca Ecuador
2006 - 2009 Director of Technology, Foundation CIAS, Cuenca Ecuador
2009 course instructor, CEE (Centre for electronic studies), Cuenca Ecuador
2012 - 2014 (avocation) academic of Universidad Católica Azogues, Ecuador
since 2013 (avocation) academic of Universidad Politécnica Salesiana, Cuenca Ecuador
since 2009 Owner/General Manager Swissecor, Cuenca, Ecuador

PATENTS / PAPERS

1988 diploma thesis about "frequency controlled electro motors"
1990 European patent, mention as inventor of an electronic safety circuit
2000 paper in "Technische Rundschau" about the diploma thesis "test equipment for alpine skis",
Wabern, Switzerland

LANGUAGE ABILITY

1989 English Studies, Miami Florida, USA
1997 Spanish Studies, Mérida, Venezuela

German - native language
English - advanced knowledge
Spanish - advanced knowledge
French – basic knowledge

OTHER ABILITIES

organizational finesse
systematic functioning
autonomy
capacity in teamwork
capacity to solve problems
capacity to investigate and learn