


Expert Curriculum Vitae

Photo	
Name	Alexander Wittrock
Address	Eimsbütteler Chaussee 85 D-20259 Hamburg
Date of birth	1975-03-14
Nationality	German
Education	1998 - Apprenticeship as management assistant in data processing 1994 - European Business Baccalaureate Diploma
Languages	German, English, French
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Work experience	
Duration:	<i>March 2020 – Today</i>
Company:	<i>software & vision Sarrazin GmbH & Co. KG Marktallee 3 D-48165 Münster, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed a cross platform software solution for a customer in Hamburg in the eyewear industry</i>
Standards / Tools:	<i>C / C++/C#, Qt 5.6, Python, PostgreSQL 14, Visual Studio 2017, Windows 10, Ubuntu Linux, Tortoise Git, Jira, libreOffice, MS Teams, TeamViewer 13, Notepad++</i>
Duration:	<i>March 2019 – September 2019</i>
Company:	<i>M+F Technologies GmbH Helbingwiete 5 D-22047 Hamburg, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed drivers for different hardware devices and partly refactored a software for the oil industry by using new developed libraries and unit tests</i>
Standards / Tools:	<i>C / C++, Python, Visual Studio 2017, Windows 10, Tortoise SVN, Jira, Office 2017, TeamViewer 13, Notepad++</i>

Duration:	<i>September 2018 – February 2019</i>
Company:	<i>Domino Laser GmbH Fangdieckstr. 75a D-22547 Hamburg, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed a frontend, backend and unit tests for laser printer products</i>
Standards / Tools:	<i>C / C++, Qt, Windows 10, Ubuntu 16.4, Qt Creator 4.1, Visual Studio Code, Rational Team Concert, Office 2013, NSIS, Valgrind, Notepad++</i>
Duration:	<i>March 2014 – August 2018</i>
Company:	<i>IFEN GmbH Alte Gruber Str. 6 D-85586 Poing / Munich, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Refactored a GNSS navigation software, developed new tools, a cross-platform SDK and unit testsy</i>
Standards / Tools:	<i>C / C++, Qt, Qt Test, XML, Windows 10, Ubuntu 16.4, Qt Creator 4.1, Tortoise SVN, Office 2013, NSIS, Valgrind, X2go, Notepad++</i>
Duration:	<i>November 2012 – February 2014</i>
Company:	<i>exceet Card AG Edisonstraße 3 D-85716 Unterschleissheim / Munich, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed a cross-platform SDK and some tools for the smartcard production.</i>
Standards / Tools:	<i>C / C++ / C#, Java, MFC, .Net 4.0, XML, COM, Kryptography, Windows 7, Visual Studio 2010, Eclipse 4.2, Office 2010, Tortoise SVN, Visual Source Safe, Notepad++, Visual Leak Detector, RapidXML, CryptoLib, LibHaru</i>
Duration:	<i>June 2012 – October 2012</i>
Company:	<i>smartronic GmbH Steinheilstraße 10 D-85737 Ismaning / Munich, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Further development of a training / education software "TRP Client".</i>
Standards / Tools:	<i>C++, MFC, SQL, 7, Visual Studio 2010, Office 2010, SQL Server 2008 R2, Tortoise SVN, Visual Assist X, VisionProject</i>
Duration:	<i>January 2012 – May 2012</i>
Company:	<i>Solectrix GmbH Fuerther Str. 244b</i>

Position:	<i>D-90429 Nuremberg, Germany</i> <i>Software Developer</i>
Project description:	<i>Developed firmware and tools for an "ARRI" video camera</i>
Standards / Tools:	<i>C / C++, STL, Boost, XML, Boost, SDL, Bash, HTML, CSS, CGI, JavaScript, Qt 4.8.2, Windows XP, QNX, Linux, QNX Momentics IDE 4.6, Microsoft Office 2007, Tortoise SVN, Notepad++, UltraEdit, WinSCP, Putty, DoxyGen, CygWin, Lighttpd, MingW</i>
Duration:	<i>June 2011 – December 2011</i>
Company:	<i>Schüco International KG Karolinenstr. 1-15 D-33609 Bielefeld, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Merged two software products "JaniSoft" and "Schuecal 2012" for the glass industry.</i>
Standards / Tools:	<i>C++, MFC, COM, STL, XML, Boost, Open/GI, SQL, Windows 7, Visual Studio 2008, Microsoft Office 2010, Perforce, Novell Groupwise, Notepad++</i>
Duration:	<i>January 2011 – May 2011</i>
Company:	<i>Audi Electronics Venture GmbH Sachsstr. 20 D-85080 Gaimersheim, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Extended and adapted a cross-platform SDK "ADTF" for the automotive industry.</i>
Standards / Tools:	<i>C / C++, Qt, XML, STL, ADTF, CMake, Open/GI, CAN, MOST, FlexRay, Windows XP, Linux, Visual Studio 2008, Microsoft Office 2003, Redmine, Jenkins, CMake, UltraEdit, VNC</i>
Duration:	<i>August 2010 – December 2010</i>
Company:	<i>Haufe-Lexware GmbH & Co. KG Munzinger Straße 9 D-79111 Freiburg, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Extended and adapted a accounting / tax software "Buchhalter Std / Pro / Premium".</i>
Standards / Tools:	<i>C++, C#, MFC, ATL, COM, XML, DATEV, HBCI, Windows 7, Visual Studio 2005, Microsoft Visual Studio Team Foundation Server 2010, Microsoft Office 2007, Notepad++, Microsoft XML Editor, Microsoft Paint .Net</i>
Duration:	<i>May 2010 – July 2010</i>

Company:	Brainless Designs Marienwerderstr. 1 D-30449 Hanover, Germany
Position:	Software Developer
Project description:	Developed a software "BD Movie Manager" which gathers information for movie files.
Standards / Tools:	C++, MFC, ATL, STL, XML, Windows XP, Visual Studio 2008, MediaInfo, Libharu, RapidXML, SDL, Tortoise SVN, Ankh Plugin
Duration:	November 2009 – April 2010
Company:	T-Systems Business Services GmbH Alessandro-Volta-Straße 11 D-38440 Wolfsburg, Germany
Position:	Software Developer
Project description:	Extended and adapted an automotive software "Vaudis Pro" used by car dealers.
Standards / Tools:	C++, MFC, DCOM, SQL (Oracle), ADO, Windows XP, Visual Studio 2005, Oracle Database, Tortoise SVN, Ankh Plugin, Microsoft Office 2007, DoxyGen
Duration:	August 2009 – October 2009
Company:	Brainless Designs Marienwerderstr. 1 D-30449 Hanover, Germany
Position:	Software Developer
Project description:	Developed a 2D video game "Lead Ball" for PC and Xbox 360 with integrated level editor.
Standards / Tools:	C#, XNA, .Net 3.0, Windows XP, Visual Studio 2008, Paint.Net, 3D Studio Max, SpriteForge, BASS.net, NUnit
Duration:	September 2008 – July 2009
Company:	inova Multimedia GmbH Linnenkamp 40 D-31137 Hildesheim, Germany
Position:	Software Developer
Project description:	Developed a frontend called "DirectShow Player" for a traffic infotainment system.
Standards / Tools:	C++, MFC, DirectX 9.0c, COM, ActiveX, WinSock, HTTP, XML, Windows XP, Windows CE, Visual Studio 2008, Boundschecker, Tortoise SVN, Doxygen, Microsoft Office 2007, CppUnit
Duration:	February 2007 – August 2008
Company:	

Position:	<i>GfK nurago GmbH Kurt-Schumacher-Str. 24 D-30159 Hanover, Germany</i>
Project description:	<i>Software Developer</i>
Standards / Tools:	<i>Developed a market research software "Screenshotter" for analyzing user interactions.</i>
	<i>C++, MFC, ActiveX, GDI+, COM, XPCOM, Mozilla, AVI, mySQL++, HTTP, XML, PHP, HTML, JavaScript, Windows XP, Visual Studio 2005, Tortoise SVN, VMWare, Doxygen, Microsoft Office 2007, Apache Forrest, CppUnit</i>
Duration:	<i>April 2006 – January 2007</i>
Company:	<i>AHEAD Entertainment Software GmbH Drostestr. 41 D-30161 Hanover, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed two video games for kids "Die Reitakademie" and "My Boyfriend" (dtp young).</i>
Standards / Tools:	<i>C++, MFC, DirectX 9.0c, XML, XP, Visual Studio 2005, Ogre Engine, Lua, AlienBrain, NSIS (Nullsoft Scriptable Install System)</i>
Duration:	<i>May 2005 – March 2006</i>
Company:	<i>Collision Studios GmbH Roscherstr. 5 D-30161 Hanover, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed tools and wrapper classes for a 3D video game "Red Ocean" (dtp).</i>
Standards / Tools:	<i>C++, MFC, DirectX (DirectInput / XInput), XML, Windows XP, Visual Studio 2005, Gamebryo Engine, Lua, Tortoise SVN</i>
Duration:	<i>March 2004 – April 2005</i>
Company:	<i>SSV Software Systems GmbH Duenenweg 5 D-30419 Hanover, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed a test environment for "DIL/Net" PCs.</i>
Standards / Tools:	<i>C / C++, 80x86 Assembler, Suse Linux 8.2, GNU C/C++, Borland Turbo C / C++ 3.1, MS DOS 6.2, Open Office, Adobe Acrobat 5.0, Novell Netware, Mars NWE</i>
Duration:	<i>April 2002 – February 2004</i>
Company:	<i>Audiofon Chat & Play GmbH</i>

Position:	<i>Lister Str. 18 D-30163 Hanover, Germany</i>
Project description:	<i>Software Developer</i>
Standards / Tools:	<i>Developed telephone software for erotic contacts. C / C++, MFC, Windows XP, Visual Studio 6.0, Rational Purify, Microsoft Office 2000, Install Shield, Ultra Edit, MVS, OMSLib</i>
Duration:	<i>October 2001 – March 2002</i>
Company:	<i>Petroplus Mineraloelprodukte Deutschland GmbH Esplanade 37 D-20354 Hamburg, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed automated processes for the controlling and sales.</i>
Standards / Tools:	<i>VBA for Excel 2000, VBA for Word 2000, Windows Scripting Host, Windows 2000, Office 2000, Ultraedit</i>
Duration:	<i>January 2001 – September 2001</i>
Company:	<i>innovative systems GmbH Hugh-Greene-Weg 2 - 4 D-22529 Hamburg, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed a car navigation system.</i>
Standards / Tools:	<i>C++, MFC, COM, GDI, XML, Windows 2000, Windows CE, Office 2000, Microsoft Visual Studio 6, DoxyGen</i>
Duration:	<i>June 2000 – December 2000</i>
Company:	<i>Star Finanz GmbH Sachsenfeld 4 D-20097 Hamburg, Germany</i>
Position:	<i>Software Developer</i>
Project description:	<i>Developed the home banking software "Star Money".</i>
Standards / Tools:	<i>C++, MFC, COM, HBCI, Windows 2000, Visual Studio 6, Microsoft Office 2000</i>
Duration:	<i>January 2000 – May 2000</i>
Company:	

Position: Project description: Standards / Tools:	<i>DAKOSY Datenkommunikationssystem AG Mattentwiete 2 D-20457 Hamburg, Germany</i> <i>Software Developer</i> <i>Developed logistics software for the Hamburg harbor.</i> <i>RPG, CL, C++, MFC, EDIFACT, OS/400, Windows 2000, Visual Studio 6</i>
Duration: Company: Position: Project description: Standards / Tools:	<i>August 1998 – December 1999</i> <i>ael EDV-Beratung GmbH Wendentorwall 10 D-38100 Braunschweig, Germany</i> <i>Software Developer</i> <i>Developed miscellaneous software for different customers.</i> <i>C++, MFC, Windows 98/NT, Visual Studio 6, Microsoft Office 97</i>