

Stefan Drechsler

Dr.-Ing.

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20099 Hamburg



Personal Data

born on : January, 17th, 1967
in: Nürnberg

Work Experience

- since 2023 **Jungheinrich AG & Co. KG**, *Norderstedt*, Software testing engineer, Development, maintenance and performin of testautomations
TestStand, Python using Windows
- 2019–2023 **Wärtsilä SAM GmbH**, *Hamburg*, Software testing engineer, Developing and performing automated system tests, setup and administration of test environments
Python, Robot Framework, Selenium, Zabbix, Wireguard, Apache, Sikuli using Windows and Linux
- 2018–2019 **WLP-Systems GmbH**, *Hamburg*, Software testing engineer, Conceptual design, realization and documentation of manual and automated GUI software tests, organisation of the test department and technical supervision of colleagues
QF-Test, Python, shell-scripts using Windows and Linux
- 2015–2018 **Nordex Energy GmbH, (starting via kumkeo GmbH)**, *Hamburg*, Software testing engineer, Simulations for HiL-testing of windfarms
MATLAB/Simulink, PROFINET, Python, Matplotlib, WinMod, ModBus
- 2010–2016 **HafenCity Universität**, *Hamburg*, Researcher, Research and teaching, room acoustics simulation and optimisation, PhD
Java, Python, Blender using Windows and Linux
- 2007 - 2010 **SAM electronics GmbH**, *Hamburg*, Development engineer, Software development for submarine ranges for acoustic, magnetic and pressure measurements, cooperation with working group “Magnetik” of NMST and “Akustische Belastung im Meer” of NALS at DIN
C#, C++, VB, XML, GIS, SQL using Windows and VxWorks

- 2002–2007 **Institut für Rundfunktechnik GmbH**, *München*, Researcher, Member of the German delegation at the RRC06, Frequency management, simulation of wave propagation for DVB-T, DAB, UKW and Analog-TV, Interference calculations, traffic announcement software, TPEG, DAB, international cooperation with broadcasters and manufacturers
Java, UML, SQL, GIS, C++, Perl, Qt using Windows and Linux
- 2001–2002 **betaresearch GmbH**, *Unterföhring*, Software test engineer, Highavailable server, cryptographic methods, Digital Video Broadcast (DVB), software tests
C++, Perl, SQL unter Linux, Solaris und Windows
- 1994–2001 **Lehrstuhl für Allgemeine und Theoretische Elektrotechnik der TU-Chemnitz**, *Chemnitz*, Researcher,, Numerical simulation of electromagnetic fields/wave propagation, development of simulation methods with implementation, FEM, FDM, FNM, Research and teaching, EU-project cooperation with Universities of Cluj-Napoca, Baja-Mare and Sibiu
SABER, ANSYS, UNIRAS, Maple, FORTRAN using Solaris
- 1987–1993 **Rheinisch-Westfälische Technische Hochschule**, *Aachen*, Study of communications engineering, Diploma thesis: Simplified methods for reverberation simulation of binaural room impulse responses, mark: very good
Pascal using HP-Unix and DOS

IT-Skills

Languages	Python, Java, C#, C++, C, Perl, PHP, Fortran, Pascal	Operating Systems	Linux, Unix, Windows, Simulink-Realtime, VxWorks
Applications	Different IDEs, Robot Framework, git, L ^A T _E X, Zabbix, Wireshark, QF-Test, MATLAB/Simulink, Blender, Gimp, Inkscape	Technologies	TCP/IP..., Selenium, PROFINET, XML, SQL, GIS

Languages

English	fluent
German	native speaker
Latin	intermediate