



# Martin Schulze

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## Persönliche Daten

Geboren am 25.05.1978 in Singen am Hohentwiel



Eschenbachstraße 29, 81549 München



01523 6 36 25 71

## Professional experience

- June **Software developer**, *Beissbarth GmbH*, Munich.
- 2018–today Wheel alignment, brake testers and vehicle testing, head light testers
- Weiterentwicklung von Bremsenprüfsstand Software [ICPerform-Truck](#)
  - Co-development [ICPerform-Car](#) for two-axle cars
  - Creation of an interim release for ICperform-Truck
  - Ensure [MRS-433](#) compressed air sensors driving alarm reliability and measuring continuity
  - Coupling new generation compressed air sensors
  - Occasional on-site commitment in workshops
- April **Software developer**, *Distec GmbH*, Germering.
- 2014–June Specialist for LCD flat screen solutions
- 2018
- VideoPoster mediaplayer application [ACC3](#)
  - [WebPoster-Firmware](#), Debian based
  - [VideoPoster-III](#)
  - Maintain [SFO](#) airport modification
  - Maintain [USB](#) desktop extension driver in coordination with [driver-vendor](#)
  - C++ production tool for [Artista-Iot](#)
  - Evaluation of Windows-Iot for Artista-IoT to be used as HMI platform
  - Various QML [Demos](#)
  - [Embedded-Wizard](#) demo for a coffee vending machine
  - .Net tool for luminance calibration und -profiling with luxmeters [i1Display-Pro](#) und [Gossen-Mavolux](#) with [Argyll-CMS](#)
  - Maintanace of [Chandler/Mars/SmartLed-Rover](#) and -Prep apps
  - Go tool for configuration of boards over serial
  - Maintain buildsystem for windows and debian-builds
  - Change builds to Symantec EV Code Signing
  - Change Qt-Apps from Qt4 to Qt5
  - Act as hands-on consultant within the Windows-application landscape
- January **Software developer**, *CreateCtrl AG*, Munich.
- 2012– Software für TV, VoD und Radio
- October
- 2013
- Windows Apps [program](#), radio- and video-on-demand-planning (VoD)
    - Maintain MFC-UI, new features, trouble shooting, pl-sql backend
  - Create VoD-planning app using WPF, Spring.NET and NHibernate
    - Design and implementation of class based OR-mapping
    - Cache optimizations
    - Search, export- and certain middleware functions

- July 2005– **Software developer**, *ZIP consulting engineers*, Munich.
- December 2011 Systems for industrial planning and organization
- Development UI for [Malaga-V3](#) with Qt
    - [planning-areas](#) product, process und ressource
    - Administration area, internationalization, data connectivity
    - Library concept for cross-project usable objects
    - Share and copy layout with Bentley Microstation V8i
    - Deviation [mounting-precedence](#) to process
    - Update gui through multiuser
    - Reporting concept
    - Powerpoint exports
    - Utilization, timetable and inventory diagram, [process-editor](#)
  - Provision of builds and maintenance of the build system
- November 2003–June 2005 **Software developer**, *WSW Software GmbH*, Gauting (Munich).
- Highly configurable IT logistics solutions based on SAP and .Net
- UI for [JIT-Software](#)
  - JIT/JIS processes with MS-SQL-Server
  - Visualization of process flow, - part sequencing
  - Mobile .Net clients for forklifts and a barcode-scanner module
  - MS-Word exports
- March 2003–October 2003 **Freelance Software developer**, *Baumer Group (former Massen Machine Vision)*, Constance.
- Manufacturer of sensors, encoders, measuring instruments and components for automated image processing
- Maintain the Qt GUI with about 20 masks
  - Conversion configuration data from INI to XML

## Study

- 1998–2003 **Technical Computer Science**, *University of Applied Sciences Constance*, Constance.
- Specialization communication systems and software development
- March–Dec. 2002 **Thesis**, *University of the Western Cape*, Bellville, Südafrika.
- Facial Expression Recognition with Support Vector Machines
- March 1999 and 2001 for one semester each **Internship**, *Aluminum Rolling Mills Singen GmbH and Georg Fischer Piping Systems AG*, Singen and Schaffhausen (Switzerland).
- in IT administration
- Further development of automatic software distribution in the intranet
  - Network Monitor as intranet website (Apache webserver)

1994–1996 **Vocational college 1+2**, *Commercial schools*, Radolfzell.

University entrance exam

1986–1994 **Secondary school**, *Ekkehard secondary school*, Singen.

Middle maturity

## Software experience

- .Net C-Sharp, WPF, WinForms, Visual Studio 15/17, Powershell
- C++ C++ 11, Managed C++, Standard-Library, Qt, USBDM, Windows 10-Sdk
- Datenbanken MS-Sql, OleDb, T-SQL, Stored Procedures, NHibernate, PL-SQL
- Sonstiges Tortoise Svn, - Git, Wix, InnoSetup

## Interests

Running, e-biking, surfing