Dipl.-Inf. Matthias
Ruttmann
CURRICULUM VITAE

PERSÖNLICHE DATEN

Address | Sendlinger Str. 28, 80331 München

Contact | matthias@ruttmann.name, +49 171 4070488

PROFIL | Professional and disciplined software architect for 20 years. Strong experience in communication, databases and internet technologies.

ERFAHRUNGEN

2020 | **VR Navigation:** Design a VR application to navigate and analyse a 3D scene.

2015 - 2020 | **Mobile radio tester:** Expanding Rohde & Schwarz Contest, a leading platform for 3GPP mobile radio verification tests.

- Extend the architecture for 5G tests.
- Building tests for location-based services.
- Design a simulation framework.

2014 - 2015 | **Mobile signal generator:** Design the firmware, upgrade tool and user interface for a mobile signal generator.

2012 - 2014 | **HDMI Testsystem:** Integrate the HDMI generator in the Rohde & Schwarz Video test center. Implement GUI, remote control and hardware driver.

2011-2012 | **Soccer Analysis:** Display events and tracking of soccer games for scouting database for the DFL. Reference implementation for the DFL live stream approval.

2003 - 2010 | **Internet Router**: Design the software for a core router. Supported protocols include BGP, OSPF, L2TP, IPSec. Built a Linux kernel module for multi gigabit wire speed routing.

2000 - 2003 | **Aladin Development platform:** Design a database development tool including forms designer, code editor and compiler.

1998 - 1999 | **Fonds Back office:** Test automation for SER V3 Fonds. Support for the Euro introduction.

1993 - 1998 | **Education**: Computer science at Fachhochschule Würzburg.