

# Curriculum Vitae

## Thomas Schmid

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## Summary

Electrical Engineer, MS from ETH Zurich, long career in information science, quality assurance, SW testing. Profound knowledge of many operating systems, skilled in scripting under IBM JCL, Unix, DOS and OpenVMS.

Experienced in management and running of large systems as well as user support in heterogeneous environments with IBM zOS, Unix, Windows, Macintosh and VMS; including HW.

*Is known to bring the system back up when everything failed.*

## Experience

### **Fonar Corporation, Melville N.Y., U.S.A. 2006 –**

FIELD SERVICE ENGINEER, MAGNETIC RESONANCE IMAGING

After training in medical engineering at Head-Office on Long Island, N.Y., U.S.A., working independently as maintenance and test engineer for Fonar MRI machines in Europe.

Upkeep and tests on all parts of the systems – from the chillers to the computer that produces pictures from the RF signals received. Support, maintenance, emergency response.

### **Zürcher Kantonalbank, Zürich 1998 – 2005**

EAI – ENTERPRISE ARCHITECTURE INTEGRATION 2002 – 2005

Middleware for real time data interchange written in Java, runs on IBM-AIX using MQSeries for connections. Testing, analysing data and transactions on host and front end. Introduce Mercury TestDirector to document and automate tests. Supervision of the productive system in turn with fellow workers.

Deputy of engineer responsible for the central log (volume about 4 GByte/d).

EDIFACT-PLATFORM AND PAYNET REQUIREMENTS 1999 – 2002

Responsible for data exchange with customers and suppliers according UN/EDIFACT standards. Wrote missing SW documentation, negotiated with the SW suppliers, tested system. Project „PAYNET“ – Electronic Bill Presentation and Payment (EBPP). Specification and evaluation of EAI-Platform, work on the selected SeeBeyond e\*ways product.

INTEGRATION TESTING ACCOUNT MANAGEMENT SYSTEM BF 90 1998 – 1999

Integration and testing of programs in C++ running on MVS with DB2.

Regression tests with PL1 programs on IMS-DBs. Build up of skill in IBM-IMS environment; rationalisation using and optimising work with JCL.

### **UBS, Union Bank of Switzerland, Zurich 1993 – 1998**

SYSTEM TEST, DEALER SYSTEMS 1994 – 1998

Manage about 70 computers with different OS-Versions. Automated maintenance by producing scripts for day-to-day operations, deployment of management system COSY in close cooperation with the producer. Test of portfolio SW for the stock exchange dealers.

RUNNING AND HELPDESK, EXCHANGE DEALERS 1993 – 1994

Our group ensured the high availability of about 300 workstations in several clusters as well as a PC network running under Pathworks.

Rationalise production – using surplus computers to replace obsolete HW, applying scripts for daily status reporting.

**Commcare AG, Schlieren****1992 – 1993**

INSTALLATION, MAINTENANCE OF DATA/VOICE INTEGRATION EQUIPMENT ACROSS EUROPE  
Commcare specialised in Wide Area Networks, sold, deployed and maintained Newbridge equipment amongst others products.

Planning and installation of a network for a Swiss Bank with subsidiaries in England and Southern Europe, solved customer problems in European financial capitals.

**Integra-Signum AG, Wallisellen****1988 – 1992**

Employed as developer for the electronic interlocking (license Ericsson AB, Stockholm), then system manager for technical computing. Head of group from 1990; responsible for VAXs, PCs und Networks. A major achievement was the planning and deployment of the new LANs connecting all offices on the site. Support for CAD, SW and HW development and office automation.

**Zellweger AG, Hombrechtikon****1984 – 1988**

Development of real time SW for PABX add-on systems (telephone exchanges). Program development, project management of SW projects. Deputy of group head since 1986.

**BBC, Brown Boveri AG, Örlikon and Mannheim 1978 – 1983**

Based in Zurich (Switzerland) until 1982, then relocated to Mannheim (Germany). Working in development, lab and production of supraconducting wires and cables. The job was based in the sales department, responsibilities encompassed thus project management, customer support and work on tenders in the multimillion range as well as writing feasibility studies ordered by customers, dealing with the design of large tokomak systems.

***Education***

School: Gymnasium in Zurich, maths and natural sciences; Matura type C, 1973

University: Electrical Engineering at ETH (Eidgenössische Technische Hochschule, Swiss Federal Institute of Technology) in Zürich 1973-1978

Masters: Electrical engineer ETH, spring 1978 (Diplomingenieur)

Graduation Subjects: Signalling theory, network synthesis, control theory

Graduation thesis: Saturation curves of metal and supraconductors in magnetic fields.

***Postgraduate education***

Courses, such as presentation, communication, technical sales, business planning, budgeting. Courses in psychology: transaction analysis.

Information Science: Courses IBM OS/390 JCL, zOS, IBM AIX System management, Communication (TCP/IP, EDIFACT, XML, XSLT, web services), Enterprise Architecture Integration, testing theory.

***Languages***

German: Mother tongue

English: Written and spoken – business level

French: Written and spoken – business level

Swedish: Written and spoken – very good knowledge

Italian: Written and spoken – good knowledge

Finnish: Written and spoken – good knowledge

***Basic data about Thomas Schmid***

Date of Birth: 29. June 1954, born in Zürich

Nationality: Swiss, Swiss Heimatort: Zürich

Marital status: Divorced

Hobbies: Cycling, ski randonne, dancing; railways, literature, languages, producing web pages with PHP.