

Franz Gustav Niederheitmann
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OBJECTIVE:

Seeking a position to utilize my skills and abilities in the Information Technology Industry that offers Professional growth while being resourceful, innovative and flexible.

EDUCATION:

Pontificia Universidade Católica do Paraná (Pontifical Catholic University of Paraná - Brazil) –
Computer Engineering – 2010 (<http://www.pucpr.br/>)

Swiss School of Curitiba – elementary and high school (<http://chpr.com.br/>)

LANGUAGES KNOWN:

Brazilian Portuguese (native), English (intermediate), German (intermediate), French (beginner)

PROFESSIONAL EXPERIENCE:

2012 – Alten GmbH - Engineering – Munich (Germany) – <http://www.alten-engineering.com/>

2010 – 2011 - LACTEC (Instituto de Tecnologia para o Desenvolvimento) - R&D –

<http://www.lactec.org.br/en/>

R&D embedded systems. (firmware, microprocessors, Zigbee, mesh, software).

Technical Skills: C, C++. C/C++, Java, C#, Multisim.

2009 - 2010 - LACTEC (Instituto de Tecnologia para o Desenvolvimento) - R&D –

<http://www.lactec.org.br/en/>

Internship Hardware/Software (Firmware).

2008 - 2009 - COPEL (Companhia Paranaense de Energia Elétrica) - Power Generation,

Distribution, Transmission and Telecommunication – <http://www.copel.com/hpcopel/english/>

Internship in Telecommunication area for developing computer applications using C#, Oracle and ArcGIS (ESRI) for Geo processing.

Technical Skills: C#, Oracle, ESRI ArcGIS

2005 - 2006 Pontificia Universidade Católica do Paraná – NIAA - <http://www.pucpr.br/>

Internship Help desk, providing help for students and teachers, and also installing Hardware and Software

2004 – 2005 - Niederheitmann & Wiltenburg LTDA – NWSI

Delphi 7 Developer

TECHNICAL EXPERIENCE:

- **firmware, software, Zigbee, Mesh**
- **firmware:** 8051, PIC, MSP, Altera, DSP 5400 Texas Instruments, x86. (Assembly, C, C++, VHDL).
- **software:** C, C++, Java, C#, Python, Delphi.
- **databases:** mySQL, PostGRE SQL, Oracle, PostGIS, MS SQL
- **platforms:** Windows xp/98/95,2000,NT, Linux (Debian, Ubuntu, SuSe and others flavors)
- **academic concepts:** networking, operating systems, industrial automation and control, analog and digital electronics, telecommunications systems, databases, software engineering, computer architecture, distributed systems, computer networks and data structure.

PROGRAMMING COURSES:

02/02/2004 – 02/06/2004 – **introduction of Delphi 7** – Rhealeza Informática (**Borland Learning Partner**). <http://www.rhealeza.com.br/> Total: **40 h**. Place: Curitiba-PR (Brazil).

LANGUAGE COURSES:

07/05 - 07/16/1999 – **Kurs Deutsch Intensiv** (Intensive German Course) – **Bénédict International Language & Business School – Köln (Cologne) – Germany**. **Knowledges: grammar, written (documents and reports) and speaking**. Place: Cologne – Germany.

OTHER COURSES:

05/13/2002 – 05/17/2002 – **Simulation game of Economic Planing** (Unternehmensplanspiel **WIWAG**) in **Escola Suíça Brasileira de São Paulo** (Swiss School of São Paulo - Brazil), organized by Swiss MsC of **Ernst Schmidheiny Stiftung** and from **Institut für Wirtschaftspädagogik der Universität St. Gallen**. Place: Escola Suíça Brasileira de São Paulo.

GERMAN LANGUAGE CERTIFICATES:

November/2002 – Zentrale Deutschprüfung zum Schulabschluss in Nord- und Südamerika – Zertifikat. (**German Language Final Exam Certificate for North and South America**)

12/08/2000 – Deutschprüfung der Sekundarstufe I. **German Language Certificate** – intermediate level.

11/28/1998 – Zentrale Deutschprüfung – Zertifikat. Beginner level.

SEMINARIES:

01/13/2011 – **Start Up ZigBee – ZigBee Technology - Digi Xbee e Xbee-PRO ZB – Brasil**. Total: **8 h**. Place: Lactec (Curitiba/PR/Brazil). By Albacore http://www.albacore.com.br/m/pg_index.html

05/14/2009 – **Microchip Embedded Control Innovations Road Show 2009 – Brasil**. Total: **5 h**. Place: Universidade Positivo (Curitiba/PR/Brazil). <http://www.microchip.com/>

10/22/2009 – **Texas Instruments - MCU Day 2009 – Brasil**. Total: **5 h**. Place: Lactec (Curitiba/PR/Brazil). <Http://www.ti.com>

04/08/2008 – **Texas Instruments - MSP Day 2008 – Brasil**. Total: **5 h**. Place: Lactec (Curitiba/PR/Brazil). <Http://www.ti.com>

PERSONAL DETAILS:

Name: Franz Niederheitmann

Age & DOB: 26 years, 08-23-1985

Sex: Male

Marital Status: Single

Nationality: Swiss and Brazilian