

# Gabriel FISCHMANN

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## Experience

### Senior Software Engineer • Infobest • 12/2006 – Present

- Design and implementation of a software simulator for a Bosch IOMC device (C++).
- Part of a team that implemented a test-bed for a Bosch IOMC server (C++).
- Part of a team that worked on the design and implementation of the second generation of communication software for Volkswagen (C++).
- Leading a team of five on the implementation of a Bosch video project assistant tool (C#).

### Intelligent Networks Engineer • Deltatel • 03/2005 – 12/2006

- Installation, integration, commissioning and testing of proprietary Alcatel VOIP solution.
- Training of Alcatel and customer staff on OCS/MMPR concepts and installation.
- Tasks included integration of proprietary Alcatel soft-switches, gateways, and application servers with third-party vendors such as Sylantrio, Radvision, Convedia, Acme Packet, Netrake and Edgewater.
- Extensive travelling involved.

### Teaching Assistant • Polytechnic University of Timisoara • 10/2003 – 03/2005

- Teaching Computer Programming (C), Advanced Computer Programming (C++), Analysis and Synthesis of Digital Devices. Teaching included seminars and laboratory classes.

### Software Engineer • Computing Approach • 07/2003 – 03/2005

- Design, implementation and testing of an automated 2D measure generator for wood-based construction components (C++).
- Leading a team of four on the implementation of the application.

### Software Developer • Computing Approach • 09/2000 – 07/2003

- Refactoring of large-scale programs with the purpose of improving their maintainability and working speed (C++).
- Providing training classes in object oriented programming and design patterns.

## Education

### Advanced Studies Degree, Computer Science • “Politehnica” University of Timisoara • 1998 – 2004

Majored in: Object Oriented Software Engineering

Cumulative GPA (out of 10): 9.3

Grade for Diploma Thesis (out of 10): 10

Grade for Advanced Studies Thesis (out of 10): 9.8

### Student, Psychology (currently in the final year) • West University of Timisoara • 2007 – Present

## Skills

- Programming: C#, C++, C, Java, Pascal, Visual Basic, Unix Shell Scripting, XML;
- Operating systems: Windows 9x/2000/XP/Vista, Solaris, Linux, MS-DOS;
- Networking: TCP/IP, UDP, HTTP, SNMP, SIP, SOAP;
- Database: Oracle, dBase, MySQL, MS-SQL;
- Testing tools: RTRT, CppUnit, NUnit, TestDriven .NET;
- Development tools: OPC Softing Toolkit, Infragistics;
- Source control: Telelogic (IBM) Synergy, CVS, SVN;
- Languages: Romanian (Mother tongue), English (Very good), German (Good), Hungarian (Intermediate), French (Intermediate), Spanish (Beginner).

## Accomplishments/Awards

- Certificate in Advanced English, grade B, awarded by the University of Cambridge.
- Awarded first place in the MECROB inter-university robot-related contest for the “3D Objects Modelling with the Spherization Method” paper in the year 2000.