

CV - Mario Girsch

Personal data

First name:	Mario	Date of birth:	1966-06-28
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Presentation

Mario Girsch received his M.Sc in computer science (DI) from Technical University of Vienna in 1995 and his Ph.D. in the field of "Reactive Scheduling" in 2001. In his masters thesis he showed how schedules can be optimized with Genetic Algorithm and Iterative Deepening.

From 1995 to 1997 he was research assistant at the Christian-Doppler-Laboratory and is co-author of the class library "Deja Vu", which is a reusable framework for the construction of intelligent interactive systems.

He was also involved in the Esprit project SIT-MOON (A System of Integrated Tools for the Creation of Multimedia Contents Delivered Off-line and ON-line), which involved academic partners and companies from Austria, Italy and Spain.

From October 1998 till December 2001 he worked in the FWF-project Refresh (A Reusable and Extendible Framework for REactive Scheduling). Since June 2002 he is auditor at the Rechnungshof, the supreme audit

institution of Austria.

Mario Girsch erhielt 1994 sein Diplom (DI) in Informatik und 2001 den Doktor der Technik von der Technischen Universität Wien verliehen. In seiner Diplomarbeit zeigte er, wie Pläne mithilfe genetischer Algorithmen bzw. mit iterativer Vertiefung optimiert werden können.

Von 1995 bis 1997 war er Forschungsassistent des Christian-Doppler-Labors. Er ist Co-Autor der objektorientierten Klassenbibliothek "Déjà Vu", eines wiederverwendbaren Application Frameworks für die Konstruktion von intelligenten interaktiven Schedulingssystemen.

Danach war er Mitglied im Esprit-Projekt SIT-MOON (A System of Integrated Tools for the Creation of Multimedia Contents Delivered Off-line and ON-line) der EU, mit Partnern (Firmen und Universitäten) aus Italien, Spanien und Österreich.

Von Oktober 1998 bis Dezember 2001 war er im FWF-Projekt Refresh (A Reusable and Extendible Framework for REactive ScHeduling) beschäftigt, das auch Grundlage seiner Dissertation "Reactive Scheduling" war. Seit Juni 2002 ist er Prüfer beim Rechnungshof.

Education / Training

Vienna University of Technology

Level of education: Higher education

Specialization: Computing

Period of time: -

Description: Computer Science (Scheduling, Artificial Intelligence)

Work experience

Research Assistant

Employer: Vienna University of Technology

Period of time: 1.8.1995 - 31.12.2001

Description: Co-author of the project: Déjà Vu-A Reusable Framework for the Construction of Intelligent Interactive Schedulers
Member of the FWF-Project REFRESH: A Reusable and Extendible Framework for REactive ScHeduling at the Institute of Information Systems

Informatiker

Employer: Rechnungshof (Der österreichische Bundesrechnungshof, The supreme audit institution of Austria)
Period of time: 1.6.2002 -
Description: Prüfer in der Abteilung für IT-Angelegenheiten (Auditor at the Rechnungshof)

Other qualifications

Researcher

Principal: Siemens, Immuno AG, Silicon Graphics
Period of time: -
Description: Visiting Researcher at the CMU (Carnegie Mellon University) in Pittsburgh in 1999. Member of the ESPRIT-project SITMOON with academic partners and companys from Austria, Italy and Spain in 1998.

Computer skills

Computing/ICT, general competences

- Access database operation
- Excel spreadsheet program
- FileMaker database operation
- MS Word word-processing application
- PowerPoint presentation program

Databases

- Access, database administration
- Access, programming
- FileMaker, database administration
- FileMaker, programming
- ODBC, database administration
- ODBC, programming
- Oracle, database administration
- Oracle, programming

Graphical Programmes

- Corel Draw illustration program
- Director multimedia development program
- Illustrator illustration program
- PageMaker layout program
- Paintshop Pro image editor
- Photoshop photo editor
- Publisher layout program

Operating systems

- AS/400 operating system
- DOS operating system
- Linux operating system
- MacOS operating system
- Solaris operating system
- UNIX operating system
- Windows 2000 Server operating system
- Windows 3.x operating system
- Windows 95/98 operating system
- Windows NT Server operating system
- Windows NT Workstation operating system

Programming languages

- Assembler programming language

- BASIC programming language
- C programming language
- C++ programming language
- Fortran programming language
- HTML programming language
- Lisp, programming language
- Pascal programming language
- Prolog programming language
- Qbasic programming language
- SQL programming language
- Visual Basic programming language
- XML programming language

Programming tools

- FrontPage HTML editor
- GoLive HTML editor
- Netobjects Fusion HTML editor
- Pagemill HTML editor
- Visual C++ programming tool

Languages

- English - Very good
- German - Fluent
- Hungarian - Basic

Driving licence

- B