



Jürgen Oberngruber, MSc

Software Engineer, Software Architect and Consultant

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About

Jürgen Oberngruber is a software engineer, software architect and IT consultant living in Wels, Austria and currently working at Infonika IT GmbH in Thalheim, Austria. During his study at the University of Applied Sciences in Hagenberg, Austria he gained a deep knowledge in the field of software engineering using a lot of different programming languages. Since a few years he's focusing on the Microsoft .NET platform including all relevant technologies. One of his passion is to explore, to test and to evaluate new technologies and programming languages (mostly in the field of Microsofts .NET platform).

Experience

since 03/2008	Software Engineer, Software Architect and Consultant Infonika IT GmbH, Austria
since 10/2003	Freelancing: Software and Web Engineering, Design
10/2004 - 06/2008	Teacher: 3D Programming (OpenGL), PHP Programming University of Applied Sciences Hagenberg, Austria
10/2006 - 04/2008	Teacher: Software and Web Engineering BFI/BBRZ OÖ, Austria
07/2007 - 10/2007	Software Engineer bet-at-home.at, Austria
02/2006 - 08/2006	Software Engineer Joanneum Research Institute, Austria
07/2005 - 09/2005	Screen Designer, Web Engineering Kraftwerk Living Technologies, Austria
07/2004 - 09/2004	Screen and Print Designer XXXLutz, Austria
09/2001 - 08/2003	Key Account Manager Oberbank AG, Austria

Education/Studies

Digital Media, Master degree (MSc)

University of Applied Sciences Hagenberg,

Master thesis (german): "Markup basiertes Rapid Prototyping Framework für mobile Endgeräte im Kontext des Ubiquitous Computing."

Mediatechnology and -design, Bachelor degree (BSc)

University of Applied Sciences Hagenberg,

Bachelor thesis (german): "Kombination von digitalen Bildverarbeitungstechniken und nVidias Shadersprache Cg für Non-Photorealistic Renderings."

Awards and Nominations

- INTOI Interchange of Ideas: Digital whiteboard installation.
Winner in the category "User Interface Design" and Top 6 in the category "Software Design", Microsoft Imagine Cup 2007, Seoul - South Korea.
<http://www.intoi.net> | <http://www.imaginecup.com>
- INTOI Interchange of Ideas: Digital whiteboard installation.
Winner in the category "Mediatechnology", Mediengala 2008, Austria.
- studior Interactive Webapplication simulating different audioeffects.
Nominated in the category "Infomedia", Mediengala 2005, Austria.

Publications

"Bridging the gap between real printouts and digital whiteboard."

Brandl, P., Haller, M., Oberngruber, J., and Schafleitner, C. 2008

AVI '08. ACM, New York, NY, 31-38. Working Conference on Advanced Visual interfaces (Napoli, Italy, May 28 - 30, 2008)

"An Adaptable Rear-Projection Screen Using Digital Pens And Hand Gestures."

Brandl P., Haller M., Hurnaus M., Lugmayr V., Oberngruber J., Oster C., Schafleitner C., Billinghamurst M. 2007
ICAT, pp. 49-54, 17th International Conference on Artificial Reality and Telexistence (ICAT 2007)

"User Interface Design and Development of a Digital Whiteboard solution."

Hurnaus M., Lugmayr V., Oberngruber J., Oster C., Schafleitner C. 2007
Microsoft Expression Newsletter

"Markup basiertes Rapid Prototyping Framework für mobile Endgeräte im Kontext des Ubiquitous Computing."

Oberngruber J. 2008 | Master thesis (german)

"Kombination von digitalen Bildverarbeitungstechniken und nVidias Shadersprache Cg für Non-Photorealistische Renderings."

Oberngruber J. 2008 | Bachelor thesis (german)