

## CURRICULUM VITAE

### Daniel Leithinger

Date of Birth: August 27<sup>th</sup> 1980, Eberstalzell, Austria

Tel: +65 9052 3491

e-Mail: daniel@leithinger.net

### EDUCATION

- |  |                   |
|--|-------------------|
| <b>Master of Science in Engineering, Digital Media</b><br>Upper Austria University of Applied Sciences, Hagenberg, Austria<br>Graduation passed with high distinction            | 10/2005 - 09/2007 |
| <b>Erasmus Exchange Student, Medialogy</b><br>Aalborg University Copenhagen, Denmark   | 09/2006 - 01/2007 |
| <b>Bachelor of Science in Engineering, Media Technology and Design</b><br>Upper Austria University of Applied Sciences, Hagenberg, Austria<br>Graduation passed with distinction | 10/2002 - 09/2005 |
| <b>Secondary Technical College for Food Technology (HTL)</b><br>Wels, Austria<br>Graduation passed with distinction  | 09/1994 - 06/1999 |

### WORK EXPERIENCE

- |   |                   |
|---|-------------------|
| <b>Research Engineer</b><br>Interactive Multimedia Lab, National University of Singapore, Singapore (www.ece.nus.edu.sg/iml) <ul style="list-style-type: none"><li>Interaction Design and Programming for City Planning Space in .Net, WPF and XNA</li></ul>  | 02/2008 - current |
| <b>Research Intern</b><br>Interactive Multimedia Lab, National University of Singapore, Singapore (www.ece.nus.edu.sg/iml) <ul style="list-style-type: none"><li>Development of tabletop system Shared Design Space 2 in .Net and WPF</li></ul>   | 11/2007 – 01/2008 |
| <b>Student Intern</b><br>Human Interface Technology Laboratory, Christchurch, New Zealand (www.hitlabnz.org) <ul style="list-style-type: none"><li>Development of interactive installations using 3D Studio Max 7 and Flash MX</li></ul>  | 02/2005 - 07/2005 |
| <b>Programmer</b><br>Ars Electronica Futurelab, Linz, Austria (futurelab.aec.at) <ul style="list-style-type: none"><li>Development and startup of the interactive installation "Gullivers World"</li><li>Programming in C++ and OpenGL with Visual Studio .Net</li></ul>                                | 07/2004 - 09/2004 |
| <b>Web Developer</b><br>MAVI International Vogel OHG, Schlierbach, Austria <ul style="list-style-type: none"><li>Developing concept and design specification and programming of business websites</li><li>Creating multimedia CDs using Adobe Director and Macromedia Flash</li></ul>                   | 06/2001 - 09/2002 |
| <b>Austrian Holocaust Memorial Service</b><br>Holocaust Memorial Center, Detroit, MI (www.holocaustcenter.org) <ul style="list-style-type: none"><li>Carrying out various tasks for the center archive like writing interview summaries</li><li>Administration of the PC network and websites</li></ul> | 02/2000 - 03/2001 |

### TEACHING EXPERIENCE

- |  |                   |
|--|-------------------|
| <b>Tutor in Digital Media Technologies (EE3701)</b><br>Electrical and Computer Engineering, National University of Singapore, Singapore <ul style="list-style-type: none"><li>Introduction to C# and WPF for game projects with direct touch interaction</li></ul> | 01/2008 – current |
| <b>Tutor in Computer Graphics (CGR/MTD215)</b><br>Media Technology and Design, Upper Austria University of Applied Sciences, Hagenberg <ul style="list-style-type: none"><li>Introduction to 3D Graphics and OpenGL</li></ul>                                      | 03/2006 - 06/2006 |

## SKILLS

### Programming

- Work experience with: C#, C++, ActionScript, OpenGL, GDI+, WPF, XNA
- Familiar with: Java, PHP/MySQL, TypoScript, Lingo
- Development Environments: Visual Studio 2005, Eclipse

### Content Development

- Multimedia and 3D: Adobe Photoshop CS3, Macromedia Studio MX, 3D Studio Max 7, Director 8.5
- Video: Adobe After Effects 6.5, Premiere Pro 7.0, Encore DVD

## PUBLICATIONS

- Leithinger, D., Haller, M.  
**Improving Menu Interaction for Cluttered Tabletop Setups with User-Drawn Path Menus.** In Second IEEE International Workshop on Horizontal Interactive Human-Computer Systems, 2007. TableTop 2007.
- Haller, M., Brandl, P., Leithinger, D., Leitner J., Seifried T., Billinghamurst, M.  
**Shared Design Space: Sketching ideas using digital pens and a large augmented tabletop setup.** In ICAT 2006, Lecture Notes in Computer Science 4282, Springer Verlag, Berlin, pp. 948-959, 2006.
- Haller, M., Billinghamurst, M., Leithinger, D., Leitner, J., and Seifried, T. 2005.  
**Coeno: enhancing face-to-face collaboration.** In Proceedings of the 2005 international Conference on Augmented Tele-Existence (Christchurch, New Zealand, December 05 - 08, 2005). ICAT '05, vol. 157. ACM Press, New York, NY, 40-47.

## POSTERS AND CONFERENCE DEMOS

- Haller, M., Leithinger, D., Leitner, J., Seifried, T., Brandl, P.  
**Shared Design Space,**  
ARS Electronica Festival 2006 - Pixelspaces, September 2006, Linz, Austria
- Haller, M., Leithinger, D., Leitner, J., Seifried, T., Brandl, P., Zauner, J., Billinghamurst, M.  
**The Shared Design Space,**  
in ACM SIGGRAPH 2006, Emerging Technologies, August 2006, Boston, USA.
- Haller, M., Leithinger, D., Leitner, J., Seifried, T.  
**Coeno-Storyboard: An Augmented Surface for Storyboard Presentations,**  
in Mensch & Computer 2005, September 4-7 2005, Linz, Austria.
- Haller, M., Leithinger, D., Leitner, J., Seifried, T.  
**An augmented surface environment for storyboard presentations,**  
in ACM SIGGRAPH 2005, Poster Session, August 2005, Los Angeles, USA.

## AWARDS

- Laval Virtual ReVolution Award 2007 Winner
- Media Gala 2006: Winner Media Technology (Shared Design Space)
- Austrian State Prize for Multimedia & e-Business 2005: Jury Award (Coeno)
- Europrix Top Talent Award 2005: Winner Content Tools & Interface Design (Coneo)
- Austrian State Prize for Multimedia & e-Business 2005: Overall Winner (Gulliver's World)
- World Summit Award 2005: Best of 2005 in e-Entertainment (Gulliver's World)