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Jannis Pohlmann

Curriculum Vitae

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Education

2005–2011 *University of Lübeck*
Computer Science and Human Computer Interaction
Degree: Diplom (equivalent to M.Sc.) with honors
Overall grade: 1.1 (equivalent to an A)

Graduate thesis “Configurable Graph Drawing Algorithms for the TikZ Graphics Description Language”, supervised by Prof. Dr. Till Tantau

Undergraduate thesis “Porting the Thunar File Manager to the Extensible Asynchronous Virtual File System Layer GIO”, supervised by Prof. Dr. Till Tantau

2004–2005 *Philipps University Marburg*
Computer Science

Professional Experience

2012–present *Senior Software Developer at Codethink Limited*

2007–2010 *Student assistant at the Institute for Theoretical Computer Science, Lübeck*
– Implemented and evaluated image enhancement algorithms in MATLAB and C based on research papers
– Held weekly lecture tutorials and corrected student homework
– Worked on haplotyping algorithms in a bioinformatics project

2006–2007 *Software developer at coalesenses GmbH, Lübeck*
– Implemented a subset of the C++ STL, network algorithms and a memory management system for the iSense micro-controller operating system
– Designed, implemented and maintained an SWT/JFace-based serial terminal and device control application for sensor-based networks, used at the Institute for Telematics
– Wrote an AJAX-driven web interface based on Java servlets for configuring and building custom iSense firmware images, to be used on sensor-based network devices

- 2004–2006 *Software developer at Ingenierbüro M. Tartsch, Warburg*
- Planned and developed a C++ internationalization library
 - Worked on a tabular editor for abstract data sources using FXRuby
 - Designed and implemented a hierarchical configuration storage library based on C++ and XML

Involvement in Open Source Projects

- 2004–present *Core developer at Xfce*
- Maintainer of Xfce core components, including the Thunar file manager and the Garcon menu library
 - Developer of the Tumbler thumbnailing service used in Xfce and MeeGo
 - Author of the Xfce development and release model
 - Developer of the Xfce release management web application written in Ruby using Sinatra and Rack
 - Release manager for Xfce 4.8
 - Founding member and current president of the Xfce Foundation
- 2008–2009 *Xubuntu Xfce4 Liaison*
- Mediator between the Xubuntu Linux distribution and Xfce
 - Participated in two Ubuntu Developer Summits
- 2005–2009 *Developer at Lunar Linux*
- Package maintainer for this source-based Linux distribution
 - Other tasks included the development and improvement of some of the distribution's core utilities

Skills

- General Linux and Open Source, software engineering, user interface development, release and community management
- Languages C, C++, Vala, Ruby, Python, Lua, Java, JavaScript, PHP, HTML, CSS, XSLT, Bash
- Frameworks Desktop: GTK+, GLib/GIO, XLib, D-Bus, GStreamer, Udev, SWT/JFace, FOX
Web: Ruby on Rails, Sinatra, Rack, jQuery, xajax
- Developer Tools GNU compilers, Make, Autotools, GDB, Valgrind, Git, Subversion, Mercurial
- Methodologies Extreme programming, distributed development, design patterns, asynchronous and threaded programming
- Research Graph drawing, complexity theory, information hiding, signal processing

Languages

German Native
English Fluent in speaking and writing

References

Prof. Dr. Till Tantau

Institute for Theoretical Computer Science, University of Lübeck, Germany
Employer at one of my student assistant jobs and supervisor of my
undergraduate and graduate thesis
tantau@tcs.uni-luebeck.de

Auke Kok

Intel Corporation, USA
Long-time companion at Lunar Linux and Xfce
auke-jan.h.kok@intel.com

Philip Van Hoof

Codeminded BVBA, Belgium
Nokia contractor with whom I collaborated successfully on preparing
Tumbler for the Maemo and MeeGo platforms
philip@codeminded.be