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Curriculum Vitae

Personal Details

Gender ▷ Male
Date of birth ▷ 20th June 1986
Nationality ▷ Polish

Education

2003 – 2008 ▷ Technical University of Łódź – Faculty of Electrical, Electronic, Computer and Control Engineering
Master of Science in Electronic Engineering – MSc project developed at Universitat Politècnica de Catalunya, Spain; specialty of Integrated Circuits and Systems Design; co-author of 2 publications in IEEE international conferences proceedings

Work Experience

Feb 2011 till now ▷ TomTom (tomtom.com) – Senior Software Developer, UI & Applications
I'm working on next-generation navigation systems and devices. Involved in development of UI framework for applications, currently leading a group of people devoted to monitoring and improving UI responsiveness and overall performance, cross-team and cross-project effort.

Mar 2011 till now ▷ Skarbiec TFI SA (skarbiec.pl) – iOS Developer
Development of investment funds browser application for iPad. I'm fully responsible for application architecture and implementation, working in close connection with visual and interaction designers.

Jun 2009 till now ▷ Gentoo Linux, Qt project (qt.gentoo.org) – Developer
I'm responsible especially for maintaining Qt-based applications, not only centered around KDE. Providing seamless and fully customizable (according to Gentoo philosophy) packages' installation scripts, patching sources and buildsystems (including contributions to numerous projects by sending patches upstream), dealing with version bumps, adding new packages to the tree and fixing reported bugs. Maintaining Qt (as per project duty), pyside, scratchbox, scratchbox2, and several more.

May 2008 – Jan 2011 ▷ Teleca Poland Sp. z o.o. (teleca.com) – Software Engineer
Main objective of my work is Linux-oriented software development for mobile systems, however I also had experience with integration work for Symbian-based devices. For last 2 years involved in development of Qt-based application framework for MeeGo platform. Leading a team of 6 people. Internal Qt trainer.

Jan 2007 – Apr 2008 ▷ Department of Microelectronics and Computer Science (dmcs.pl), Technical University of Łódź, Poland – ASIC Designer
Work in PERPLEXUS project (www.perplexus.org). My main duties included elaboration of scripts for logic synthesis (using Synopsys Design Compiler and Synopsys Formality for equivalence checking), full-custom layouts design and integrated circuits testing. I was also responsible for administration of a group of workstations running OpenSUSE Linux on x86/amd64 platforms and SUN Solaris 8/9 on sparc, configuration of CAD/EDA tools and workareas, and shell scripting for workflow automation.

Curriculum Vitae (continued)

Open source projects

- As a contributor
- ▷ libmeegotouch – the base of MeeGo Touch Framework
libmeegotouch is an application framework for MeeGo-powered touchscreen devices, developed on top of Qt Graphics View Framework. My responsibility areas include graphics scene management, support for multiple windows per application, widgets development (dialogs, application page and framework navigation controls) and internal animations for scene windows. Apart from coding I'm a codebase maintainer, i.e. responsible for reviewing and merging patches to master branch of the repository. More information available at <http://meego.gitorious.org/meegotouch/libmeegotouch>.
- Own projects
- ▷ qTwitter – a multiplatform microblogging client
*An application in C++ using Qt framework, working as a client for Twitter, Identi.ca and other social networks based on StatusNet application (former laconica). My work, apart from code development includes packaging and build system maintenance on Linux, Windows and MacOS X. Source code is hosted at GitHub and bug tracking system is provided by LighthouseApp. More information available at <http://qtwitter.ayoy.net>.
In March 2009 qTwitter was selected by Qt Software's Web Community Manager to promote Qt 4.5 and Qt Creator 1.0 release. A screencast was prepared showing the application compiling in Qt Creator and running. Available at Qt Studios youtube channel.*
 - ▷ QOAuth – OAuth authorization scheme API for C++
*QOAuth is a Qt-based library providing easy and straightforward C++ interface for authorization and talking to the API of OAuth-powered web services. Source code is hosted at GitHub, the bug tracking system is provided by LighthouseApp. More information can be found on the wiki page: <http://wiki.github.com/ayoy/qoauth>.
QOAuth is available in official repositories of several Linux distributions, including Debian and Gentoo. Apart from that it's used in the industry by companies like Cisco (in FlipShare video sharing) and Autodesk (BlueStreak client application).*
- Other contributions
- ▷ Source code patches: kwin, akonadi, kaveau, qjson
 - ▷ Buildsystem patches: avidemux, kst, massXpert, scratchbox2 and many more

Courses and certificates

- 2011
- ▷ Android training
- 2010
- ▷ Certified Scrum Master
 - ▷ Nokia Certified Qt Specialist (Advanced Widget UI, Qualified in Qt with C++)
 - ▷ Qt Developer Days
- 2009
- ▷ Nokia Certified Qt Developer
 - ▷ Qt Developer Days
- 2008
- ▷ Qt and Qtopia workshop
 - ▷ SymbianOS Essentials, SymbianOS System Application Engine & System Programming

Skills

- Languages
- ▷ English – fluent
 - ▷ Polish – native
 - ▷ Spanish, Catalan – basic
- SW engineering
- ▷ C, C++ and Objective-C working knowledge
 - ▷ Proficiency of Qt toolkit
 - ▷ Experience with kdelibs, D-Bus, libsqlite3, Core-Plot
 - ▷ Familiarity with scripting languages (Ruby, Perl, Bash, Tcl, Zsh) and regular expressions (perl and sed syntax)
 - ▷ Knowledge of Ruby on Rails
 - ▷ Experience with Java and Android

Curriculum Vitae (continued)

- HW engineering
- ▷ Experience with VHDL and Verilog
 - Knowledge of CAD/EDA tools of the industry standard:
 - Synopsys Design Compiler, Synopsys Formality
 - Cadence Virtuoso suite, Cadence SOC Encounter
 - Xilinx ISE
- Standards
- ▷ Extensive practical knowledge of *NIX systems (Linux, BSD, Solaris) and MacOS X administration
 - In-depth knowledge of OAuth secure API authorization protocol
 - Experience with Debian, Redhat and Gentoo packaging system
 - Familiarity with Agile methodology of project management
- Tools
- ▷ In-depth knowledge of GNU autotools, qmake and cmake build systems
 - Working knowledge of development helper tools like gdb, valgrind, kcache/grind
 - Proficiency in git, familiarity with other opensource VCSs: cvs, svn, hg, bazaar
 - XCode, Instruments, development tools specific to Apple Mac OS X frameworks and bundles
 - QtCreator, Vim, TextMate
 - Doxygen, L^AT_EX

Interests

- ▷ Photography – *Freelance event, portrait and sports (slackline) shooter.*
- ▷ Music – *Drummer for over 10 years.*
- ▷ Sport – *Road cycling.*