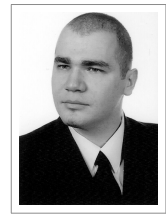


Marcin Malich

Curriculum Vitae

Warsaw, Poland
☎ +48 600XXXXXX
✉ me@malcom.pl
🌐 malcom.pl



It's very simple – you read the protocol and write the code.
– Bill Joy

Personal Information

Date of Birth August 02, 1984
Place of Birth Wodzisław Śl., Poland
Gender Male
Nationality Polish
Marital Status Single

Education

- 2009–2011 **Master of Computer Science**, specialization: information systems
Military University of Technology, Faculty of Cybernetics, Warsaw, Poland
MASTER THESIS
title *Construction and integration of mechanism of statistical monitors for simulation in C++*
supervisors dr inż. J. Rulka
description Construction and integration of mechanism of statistical monitors in C++ which was a continuation of studies on creating the complete language of discrete-event simulation on the basis of C++ language in Faculty of Cybernetics.
- 2004–2009 **Bachelor of Science in Information Technology**
University of Silesia, Faculty of Mathematics, Physics and Chemistry, Katowice, Poland
BACHELOR THESIS
title *Implementation of communication protocol*
supervisors dr J. Włodarz
description Design a secure communication protocol for LAN and it's implementation in the form of software libraries. Includig the application for demonstration of protocol and library operations, enabling to text talk with users of the local network.
- 1999–2004 **Technician of Electronics**, specialization: computer systems and networks
Technical School Group, Secondary Technical School of Electronics, Wodzisław Śl., Poland
DIPLOMA THESIS
title *Online school's recruitment system*
supervisors mgr inż. R. Popardowski
description Online recruitment system for secondary school students, allowing remote registration of candidates and their achievements, including calculating points and leading the entire process of recruitment.

Experience

- 2012–2013 **Co-Founder/Software Engineer**, *SkyTechnology*, Warsaw, Poland.
Programming, most in C++, Bash, PHP and JS. Creating and developing systems, infrastructure and tools for managing cloud servers and services with web interface. Development of distributed and cloud-based systems like online backup solutions, distributed file systems. Improving the quality of project design and code.
- 2010–2012 **Software Developer/C++ Programmer**, *Gemius SA*, Warsaw, Poland.
Multiplatform programming in C++ with MFC, Qt, Gecko and WebKit SDK. Creating complex engine in JS for data processing and visualization in GemiusHeatMap. Backend development using C++, Perl, PHP, Bash with MapReduce model for high-performance, scalable and parallel data processing systems in terabyte and petabyte scale.
- 2008–2009 **Software Developer**, *WebInterpret*, France.
Development and maintain over dedicated softphone for the WebInterpret platform, main part of french multilanguage online conference project. Programming in C++ using the wxWidgets and pjsip libraries, closeness to SIP and VoIP technologies.
- 2005–2008 **WebDeveloper/Programmer**, *freelancer*.
Several projects of web sites and web systems, user, system and network software. Different own projects, a few plugins for polish IM Tlen.pl.

Languages

Polish	fluent	<i>My native language.</i>
English	basic	<i>Reading and writing.</i>

Computer skills

OS/IDE	Windows, Linux, MacOS, Visual Studio, Code::Block, Eclipse, Xcode, vim
programming	C, C++, Asembler, JavaScript, PHP, Perl, Python, Java, Bash
api/library	STL, Boost, wxWidgets, Qt, WinAPI, MFC, GTK+
web/proto	html/xhtml/css, php/sql, http, xmpp, irc, sip/voip, tcp, udp
other	xml/xsl, svn, git, doxygen, L ^A T _E X, autoconf, shells-scripts
	object-oriented programming, metaprogramming, design pattern, cross-platform development, system/network programming, kernel/driver development, distributed systems, parallel computing, operating systems, electronics, microcontrollers, AVR, ARM, 8051, pcb design, protel

Major achievements

projects.malcom.pl

WinMFS	windows (kernel) driver for Moose File System (still under construction)
xiT++	C++ library which implements Tlen.pl instant messaging protocol
tlen.pl proto	unofficial documentation of Tlen.pl instant messaging protocol
GaduRadio	one of the most popular plugins for Tlen.pl instant messenger
wxWidgets	many patches and improvements for the best ever cross-platform GUI toolkit
xime	cross-platform extensible instant messaging engine (GUI in wxWidgets) (still under construction)
EdW	participation in "Constructors School" in the polish magazine "Electronics for All"

Interests

army, military, national security
computers, electronics, technology
music, movies