

Tomáš Janoušek

a bug slayer

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born 8th April 1987



Profile

An experienced programmer and Linux specialist with strong background in computer science. Particularly skilled in bug fixing and fast comprehension of code. Currently focused on functional programming and formal verification.

Education

- 09/2006 – present **studying**, *Masaryk University, Faculty of Informatics, Brno.*
field “Applied Informatics”
Member of the Parallel & Distributed Systems Laboratory since 2008.
- 09/2002 – 06/2006 **A-levels equiv.**, *Grammar school Brno, třída Kpt. Jaroše 14.*

Experience

- 09/2008 – 12/2009 **programmer**, *Masaryk University, Faculty of Informatics, Department of Computer Science, Brno.*
Development of a formal verification toolset – DIVINE.
- 09/2008 – 12/2008 **external teacher**, *Masaryk University, Faculty of Informatics, Department of Computer Science, Brno.*
09/2007 – 12/2007 Teaching assistant of courses in Functional programming and Formal languages & automata.
- 12/2006 – 04/2008 **software engineer**, *Red Hat Czech s.r.o., Brno.*
RHEL/Fedora package maintainer – bugfixing, implementation of new features, integration of software into the Fedora Linux distribution, etc.
- 11/2002 – 05/2007 **programmer**, *Qnet CZ s.r.o., Brno.*
Information system development, VoIP deployment, Web development, Network administration (both hardware and software).
- 2002 – present **free software contributor.**
Maintainer of a few small open source projects. Contributed bug fixes to various projects including X.Org, GNU C library and the Linux kernel, as well as enhancements to the Fluxbox and xmonad window managers.

Languages

Czech	native speaker	
English	advanced	<i>fluent written and spoken</i>
German	basic	

Personal skills

driving license	Yes, group B (car).
communication skills	Excellent communication skills both written and spoken, experiences giving presentations about IT related topics. Great teaching skills, experiences in teaching computer science and high school mathematics.
organisational skills	Ability to work in team. Ability to catch attention and effectively communicate ideas to a group of people.
other skills	Excellent ability to learn. Willingness to take risks and to explore new possibilities. Experiences in proofreading of Czech and English text.

Computer skills

programming languages, technologies

C and C++	advanced, 12 years	Haskell	advanced, 3 years
Perl	advanced, 6 years	T _E X and L _A T _E X 2 _ε	advanced, 6 years
Bash	advanced, 7 years	Java	intermediate, 2 years
x86 assembler	intermediate	web technologies	intermediate, 6 years
C for CUDA	intermediate	MySQL	intermediate, 5 years

networking and systems administration

IPv4, IPv6, TCP, UDP	advanced, 7 years	routing, OSPF, BGP	intermediate, 3 years
iptables, tc (Linux QoS)	advanced, 6 years	IP tunneling, OpenVPN	intermediate, 3 years
Linux – RedHat, Debian	advanced, 7 years	other Linux/Unix	intermediate

Awards

06/2004	1st place , <i>Youth championship of the Czech Republic in programming</i> , Janské Lázně, 2004.
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Hobbies

- swimming
- in-line skating
- driving
- winter sports

Publications, talks

- 2007 Tomáš Janoušek. mplayer + tipy & triky. In *Konference LinuxAlt 2006*. Liberix, 2007. ISBN 978-80-239-8921-2. URL <http://tomi.nomi.cz/linuxalt2006/>.
- 2006 Tomáš Janoušek. xchat-bttrw, příručka programátora. Project work, Gymnázium Brno, třída Kpt. Jaroše 14, January 2006. URL <http://tomi.nomi.cz/xchat-bttrw-doc/>.