

martin rotter

software developer

contact

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 martinrotter.github.io

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languages

czech – mother tongue
english – intermediate

education

2010 – 2013 **Bachelor** of Applied Computer Sciences Palacký University, Olomouc
Qt: Internals and Principles (Qt framework textbook)

Qt is one of best-known and mightiest general-purpose libraries available. Its functionality covers each and every thinkable programming area, including threading, graphical interfaces, relational databases, networks, 2D/3D painting and many more. This text aims at one modest task – providing the solid base for learning and understanding Qt by revealing its internals and principles.

2006 – 2010 **Graduate** of Electronical Systems Technical School (SPŠE), Mohelnice
Two-times holder of Best Student award (2nd and 3rd place).

jobs

2013 – ? **Praktik SW** Olomouc, Czech Republic
SW architect & tester

Developer of IS for general practitioners and other medicians. Implemented projects:

- eRecept (.NET),
- EET (.NET),
- eNeschopenka (.NET),
- VZP B2B integration (.NET),
- company website <https://praktik.cz> (.NET),
- many other projects.

2016 – ? **GUBI computer systems** Olomouc, Czech Republic
backend SW developer & tester

Developer of modules for communicating with remote web services. Implemented projects:

- eRecept (.NET/COM),
- ZP Dovera (.NET/COM),
- eHealth (.NET).

beneficient works & side projects

2012 – ? **self-employed** Olomouc, Czech Republic
SW developer

Programming of adaptive cross-platform open-source applications, including:

- RSS Guard: Fast and lightweight RSS feed reader (Qt),
- powerless: Minimalistic/responsive ZSH prompt inspired by powerline (ZSH),
- qgothic: Board game for everyone (Qt),
- other applications shared via GitHub.

- 2012–2013 **Google Summer of Code 2014** Olomouc, Czech Republic
SW developer
 Programmer of open-source application, BuildmLearn Toolkit. Job was done as part of Google Summer of Code 2014 event.
GSoC: Google Summer of Code (GSoC) is an annual program, first held from May to August 2005, in which Google awards stipends (of USD \$5500, as of 2014) to all students who successfully complete a requested free and open-source software coding project during the summer.
Status: Work was successfully completed.
- 2014–2016 **BuildmLearn India** Olomouc, Czech Republic
SW developer
 Developer of BuildmLearn Toolkit, the application for easy creation of mobile applications.
- 2012–2013 **self-employed** Olomouc, Czech Republic
Bachelor thesis assistant
 I provided leadership for blind student to help him finish his Bachelor thesis.
Thesis title: Calendar for blind people
Thesis leaders: Mgr. Martin Dostál, Ph.D., RNDr. Arnošt Večerka
Abstract (in Czech): Kalendář může být důležitým pomocníkem pro každého nevidomého uživatele, který snáze ztratí pojem o čase a naplánovaných aktivitách. Cílem této práce je vytvořit jednoduchý a dobře použitelný kalendář pro platformu Windows.
Status: Thesis was finished successfully.

skills

programming language	skill level	technology	skill level
C		.NET	
C++		Winforms (.NET)	
C#		WPF (.NET)	
BASH		Git	
L ^A T _E X		Jekyll	
HTML & CSS		SOAP	
Java		Qt	
NASM		ASP.NET	
NSIS		Android SDK	
XML		LibreOffice	
JSON		Bootstrap	

personal interests

I love reading and I also like coding, cooking, playing floorball running.

publications

ROTTER, Martin. Qt: Internals and Principles [online]. 2014 [cit. 2017-11-23]. URL: <https://github.com/martinrotter/qt-internals-and-principles>