

# martin rotter

software developer



## contact

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[martinrotter.github.io](https://github.com/martinrotter)

[martinrotter](#)

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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 (2<sup>nd</sup> and 3<sup>rd</sup> 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.

2018 – 2018 **LAURYN v. o. s.** Olomouc, Czech Republic  
*backend SW developer & tester*

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

- eRecept (.NET/COM).

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

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




- MultiDLL (fixing of C/MSVC library),
- eRecept (.NET/COM),
- eNeschopenka (.NET),
- ZP Dovera (.NET/COM),
- eHealth (.NET).

## beneficient works & side projects

2012 – ?	<b>self-employed</b> <i>SW developer</i>	Olomouc, Czech Republic
Programming of adaptive cross-platform open-source applications, including: <ul style="list-style-type: none"><li>• RSS Guard: Fast and lightweight RSS feed reader (Qt),</li><li>• powerless: Minimalistic/responsive ZSH prompt inspired by powerline (ZSH),</li><li>• Textosaurus: Simple text editor (Qt),</li><li>• other applications shared via GitHub.</li></ul>		
2012 – 2013	<b>Google Summer of Code 2014</b> <i>SW developer</i>	Olomouc, Czech Republic
Programmer of open-source application, BuildmLearn Toolkit. Job was done as part of Google Summer of Code 2014 event. <b>GSoC:</b> 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. <b>Status:</b> Work was successfully completed.		
2014 – 2016	<b>BuildmLearn India</b> <i>SW developer</i>	Olomouc, Czech Republic
Developer of BuildmLearn Toolkit, the application for easy creation of mobile applications.		
2012 – 2013	<b>self-employed</b> <i>Bachelor thesis assistant</i>	Olomouc, Czech Republic
I provided leadership for blind student to help him finish his Bachelor thesis. <b>Thesis title:</b> Calendar for blind people <b>Thesis leaders:</b> Mgr. Martin Dostál, Ph.D., RNDr. Arnošt Večerka <b>Abstract (in Czech):</b> 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. <b>Status:</b> Thesis was finished successfully.		

## skills

programming language	skill level	technology	skill level
C		.NET	
C++		WinForms (.NET)	
C#		WPF (.NET)	
BASH		Git	
L <sup>A</sup> T <sub>E</sub> X		Jekyll	
HTML & CSS		SOAP	
Java		Qt	
NASM		ASP.NET	
NSIS		Android SDK	
XML		Bootstrap	
JSON		Scintilla	

os & sw	skill level
GNU/Linux	
MS Windows	
LibreOffice	

## personal interests

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

## publications

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