Bc. Martin Rotter

Software developer

I. P. Pavlova 67, 779 00 Olomouc
Olomouc Region, Czech Republic

✆ +420 737 474 639
✉ rotter.martinos@gmail.com
🖥 martinrotter.github.io

Education

2010 – 2013 **university education**, *Faculty of Natural Sciences of UP Olomouc*, 17. listopadu 1192/12, Olomouc 771 46, ac. degree *Bc.*
Field: Applied Computer Sciences (full-time study)
Department wikipedia contributor

2006 – 2010 **secondary school education**, *Secondary Electrotechnical School*, Gen. Svobody 2, Mohelnice 789 85.
Field: Electronical systems
Two-times holder of Best Student award (2. a 3. place).

1998 – 2006 **elementary education**, *Elementary School*, Zábřežská 143, Dubicko 789 72.
Holder of numerous awards for Best Student of the Class.

Bachelor's thesis

title *Qt: Internals and Principles (Qt framework textbook)*

leader Mgr. Tomáš Kühr

abstract 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.

status Thesis was finished successfully.

Jobs & beneficient works

Jobs

march 2013 – present **Software architect & developer & tester**, *Praktik SW spol. s.r.o.*
Developer of IS for general practicioners and other medicians. Also author of company website `https://praktik.cz`.

april 2014 – present **Software developer**, *BuildmLearn India*.
Developer of BuildmLearn Toolkit, the application for easy creation of mobile applications.

2010 – 2014 **Desktop applications developer**, *QtDesktop (www.qtdesktop.org) movement.*
Programming of applications for Windows and Linux operating systems.
Applications:
- RSS Guard (www.bitbucket.org/skunkos/rssguard): Fast and lightweight RSS & ATOM feed reader.
- Qonverter (www.github.com/martinrotter/qonverter): Simple calculator with unsual features.

2011 – 2017 **Private mentor**, *"self-employed"*, Olomouc.
Algorithm construction, teaching.
- Teaching of algorithm construction.
- Individual help with homeworks.

2012 – 2017 **Programmer**, *"self-employed"*, Olomouc.
Programming of adaptive desktop applications for Windows and Linux.
Applications:
- QGothic (github.com/martinrotter/qgothic): Board game for everyone.
- Programs shared via GitHub, github.com/martinrotter.

Other

2012 – 2013 **Participant**, *Google Summer of Code 2014*, Olomouc.
Programmer of open-source application, BuildmLearn Toolkit. Job was done as part of Google Summer of Code 2014 event.

leader Pankaj Nathani

blog www.martin.rotterovi.eu/category/gsoc-2014

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.

abstract BuildmLearn Toolkit is application which allows its users to generate Android applications based on templates. Application was so far developed primarily for Windows platform and is not mature. I would like to rewrite the application, stabilize its code base and port it to Linux, OS2 and Mac OS X.

status Work was successfully completed.

2012 – 2013 **Bachelor thesis assistant**, *Lukáš Otáhal*, Olomouc.
Leadership for blind student to help him finish his Bachelor thesis.

title *Calendar for blind people*

leaders Mgr. Martin Dostál, Ph.D., RNDr. Arnošt Večerka

abstract (in Czech) Kalendář může být důležitým pomocníkem pro každého nevidomého uživatelé, který snáze ztratí pojem o čase a naplánovaných aktivitách. Cílem této práce je implementovat jednoduchý a dobře použitelný kalendář pro platformu Windows.

status Thesis was finished successfully.

Language skills

Czech native speaker
English intermediate

Technical skills

Technology	beginner	advanced	expert	guru
C		•		
C++		•		
C#			•	
BASH	•			
LaTeX			•	
HTML & CSS		•		
Java	•			
x68 Assembler (NASM)	•			
Windows Forms (.NET)		•		
WPF (.NET)	•			
Git		•		
NSIS	•			
XML		•		
JSON		•		
Jekyll	•			
SOAP		•		
LibreOffice	•			

OS	beginner	advanced	expert	guru
Windows		•		
Linux (primarily Arch Linux)			•	
Android		•		

Library	beginner	advanced	expert	guru
Qt (w/o QML and QtScript)				•
.NET		•		
ASP.NET		•		
Android SDK	•			
Bootstrap	•			

Build system	beginner	advanced	expert	guru
CMake		•		
QMake	•			
AUR		•		

I have also used many other stuff in the past, including Jenkins, GitBlit, TortoiseSVN, TortoiseGit, Let's Encrypt, IIS, OBS.

Interests

typography	I love to use LaTeX.
free SW	I take part in free SW development with passion.
floorball	Simply like to play it.

Attitude

- ○ responsible

More information

- class B driver's license

References

Martin Rotter. KMI/DATA1 lectures transscript. ONLINE, December 2012a. URL `http://github.com/martinrotter/data1-prednasky`.

Martin Rotter. KMI/FJAA lectures transscript. ONLINE, March 2012b. URL `http://github.com/martinrotter/fjaa-prednasky`.

Martin Rotter. Qt: Internals and principles. ONLINE, February 2013. URL `http://github.com/martinrotter/qt-internals-and-principles`.