Victor Dodon

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EDUCATION

2010 – est. 2014	**Bachelor's degree**, *"Politehnica" University of Bucharest*. Faculty of Automatic Controls and Computers. Computer Science and Engineering, Information Technology
Feb. 2012 – May 2012	**Course**, *ROSEdu at "Politehnica" University of Bucharest*. WEBDEV – a pragmatic web development course. Web development using Ruby language, web design using HTML and JavaScript
Nov. 2011 – Dec. 2011	**Course**, *IBM Linux Center, Faculty of Automatic Controls and Computers at "Politehnica" University of Bucharest*. IBM Certified Academic Associate - DB2 9 Database and Application Fundamentals. The management of IBM DB2 relational model database server (RMDS)
Feb. 2011 – April 2011	**Course**, *ROSEdu at "Politehnica" University of Bucharest*. The free Open Source Community and Development Lab. Contribution within an open source project, project management tools, community integration

Experience

September 2013 – February 2014	**Undergraduate Teaching Assistant** - **Local Area Networks**, *"Politehnica" University*, Bucharest. Teaching the basics of TCP/IP stack, the general concepts of networking: packet switching, ipv4/ipv6 addressing and routing, VLANs, NAT, firewalls, security and authentication.
December 2012 – Present	**C Software Developer / Sysadmin**, *Clevertaxi*, Bucharest. Developing a server application written in C language, capable of managing and serving thousands of TCP connections and administering the development and the production servers.
May 2012 – August 2012	**Student Developer as part of Google Summer of Code 2012**, *KDE e.v. through Google Inc.*, Linienstr. Porting the plugin loading mechanism of digiKam (a powerful photo management program for K Desktop Environment – KDE) to KDE XML-GUI technology

Achievements:
- Patched libkipi shared library to use the new architecture
- Patched digiKam interface to libkipi and all the kipi-plugins
- Patched other applications that use libkipi shared library: KSnapshot, Gwenview, KPhotoAlbum

digikam git repository

Computer skills

Languages   Strong background in C and C++ languages, UNIX/Linux system api, Qt toolkit and KDE4 api. Good knowledge of SQL. Medium knowledge of Java, Javascript (and Node.js platform), Ruby (and Ruby on Rails framework)

Tools   Advanced skills in the administration of Linux systems: Archlinux, Ubuntu, Fedora, OpenSuse. Good knowledge of bash and zsh scripting languages, git source control management system, GNU debugger, MySQL RDBMS.

Languages

Romanian   **Native**

English   **Independent user (B2)**

French   **Proficient user (C1)**

Russian   **Proficient user (C1)**

Qualities

Personal   Good software engineering skills. Eager to learn and master new technologies.

Experience with   High level programming languages, debugging and testing techniques, Object Oriented Programming, Model-View-Controller desing pattern, UNIX/Linux system programming.

Leisure and hobbies

FOSS   Open Source Software enthusiast:
- Owner of official KDE developer account
- Developer and maintainer for some packages in Arch User Repository(AUR)
- Patched a digiKam plugin for editing image metadata and written a new plugin for exporting images to ImageShack web service
- I am now maintainer for libkipi shared library after the GSoC ending