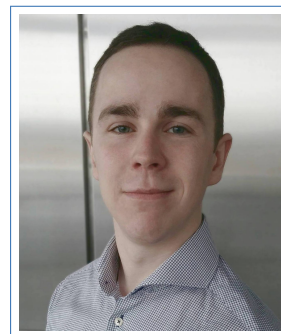


Zauličí 194
Štramberk 742 66
The Czech Republic

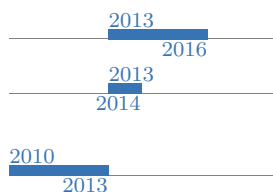
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Jakub Kvita

Education

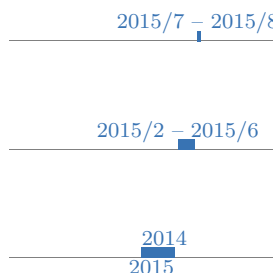


M.Sc., *Brno University of Technology*, Faculty of Information Technology, Brno.

M.Sc., *University of South Wales*, Faculty of Computing, Engineering and Science, Cardiff.

B.Sc., *Brno University of Technology*, Faculty of Information Technology, Brno.

Experience



OpenLab Summer Student, *CERN*, Geneva.

I worked in the *Cloud & Virtualization* team on configuring backends and backups for Openstack Cinder volumes. I used Ceph RBD and TSM clients for backends.

Quality Assurance Engineer, *Red Hat*, Brno.

Internship at *REST* team - we had been creating test cases for the Pulp project with REST API Python tests, Nostests and communicated with the developers.

Quality Assurance Engineer, *Red Hat*, Brno.

Internship at *Subscriptions* team - content and SKU testing. Testing subscriptions of customers and CDN content with Python and Redmine+Trac. Team was scattered around the world with members in China, India, US and Europe.

Courses and Certificates

- June 2014 Computer Vision and Intelligent Computer Systems. Intensive course at *University of Burgundy, France*.
- May 2013 Cambridge ESOL FCE. *Certificate in english, level C1*.
- January 2013 Cisco Certified Network Associate. *Routing and Switching*.
- May 2012 Conflicts and Assertivity. *Soft skills course*.
- January 2012 Microsoft Certified Technology Specialist: Windows 7, Configuration.
- June 2009 Driving License.

Languages

Czech	native	
English	fluent	<i>Level C1 certificate. Can use language flexibly and effectively.</i>
Slovak	proficient	<i>Able to communicate at social, academic and professional level.</i>
Russian	pre-intermediate	<i>Can understand and deal with most common situations.</i>

Skills

Languages Python, Lua, Java, C/C++, Bash, SQL

Software Torch, Git, OpenStack, Ceph, UNIX/Linux, Trac, OpenGL, OpenCV, Matlab
Concepts machine learning, software development, virtualization, quality assurance, rendering, 3D modeling, computer vision, databases

Projects

OpenMP, OpenMPI **Processor Cooler Simulation, 2015**, Brno University of Technology.
Parallel simulation of heat diffusion in the cooler mounted on a processor. Two exactly same implementations were created, one with OpenMP library and second using OpenMPI.

rendering **Chess Renderer using Ray Tracing, 2014**, Brno University of Technology.
The renderer of the chess model based on ray tracing. Simply input the positions of the figures on board. Model will be configured properly and appropriate scene will be rendered.

OpenCV **Automatic Number Plate Recognizer, 2014**, Brno University of Technology.
Computer vision tool, which takes picture, detect licence plates, use classifier to recognize letters and then write them in the image.

OpenCV **Video Stabilization, 2014**, Brno University of Technology.
Command line tool for stabilizing videos. Two different methods - GrayCoded bitplane matching and KLT tracker and SVD.

C, interpreters **Lua Interpreter, 2011**, Brno University of Technology.
Command-line interpreter - parse input, check syntax, compile to intermediate code and interpret it. Interpreter can deal with most common features of Lua like variables, cycles, functions,.. Can be used for real programming.

Qualities

Personal skills Strong analytical and complex thinking, focused on solving the problem, keeping schedule, direct communication and self-reflection - I can admit mistakes and be open-minded.

International Experience I lived in Cardiff, where I studied for half a year at university with large international community and shared an apartment with many different foreigners. I also attended several courses at universities abroad.
Work at Red Hat and at CERN prepared me for cooperation within international team and to collaborate everyday with colleagues from different cultures.

References

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