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Jakub Kvita

Education

2013 – present	**M.Sc.**, *Brno University of Technology*, Faculty of Information Technology, Brno. Computer Graphics and Multimedia course.
2013 – 2014	**M.Sc.**, *University of South Wales*, Faculty of Computing, Engineering and Science, Cardiff, Great Britain. Exchange student, Erasmus programme.
2010 – 2013	**B.Sc.**, *Brno University of Technology*, Faculty of Information Technology, Brno.

Experience

june 2014 – present	**Quality Assurance Engineer**, *Red Hat*, Brno. Member of *Entitlement* team focused on Content and SKU testing - testing correctness of CDN content and subscriptions of customers in international team using Git, Bash and Python. Everyday communication with Chinese and American colleagues.

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**	*Level C1 certificate. Can use language flexibly and effectively.*
Russian	**intermediate**	*Can understand and deal with most common situations.*
Slovak	**proficient**	*Able to communicate at social, academic and professional level.*

Skills

Languages	Python, Java, C/C++, Bash, SQL, Javascript, HTML+CSS
Software	UNIX/Linux, Git+SVN, OpenGL, OpenCV, LaTeX, Ant, Matlab, Vim, Eclipse
Concepts	3D modelling, Computer Vision, classification, threading, neural networks, TCP/IP, network administration and security, UML,software development

Bachelor thesis

Title	*Generator of 3D objects based on L-Systems.*
Supervisor	Lukáš Vrábel
Description	Interactive application for generating and viewing 3D models using OpenGL. System is able to model fractals and simulate growth of plants through L-system rules and turtle graphics.

Other Projects

Master projects

C++, OpenCV	**Video Stabilization**, *Brno University of Technology*.
	Command line tool for stabilizing videos with a lot of options. Two different methods can be used - GrayCoded bitplane matching and KLT tracker with SVD. Team of 2 people.
Python, OpenCV	**Video Filtering**, *Brno University of Technology*.
	Video player, which can apply in real time image filters, e.g. blurring and sharpening, Canny, histogram equalization, etc.

Bachelor Projects

C++, Kinect	**App manager for Kinect**, *Kinect Marathon at BUT*.
	Application manager for Kinect our team created during 48 hours of Kinect Marathon competition. Team of 3 people.
Javascript	**Die Curve**, *Brno University of Technology*.
	Javascript copy of famous Curve Fever game, played with multiple people on one computer.

Qualities

Personal skills	Strong analytical and complex thinking, focused on solving the problem and keeping schedule, direct communication, self-reflection - can admit mistakes, open-minded.
International Experience	Lived and studied in Cardiff, The United Kingdom, for half a year at university with a lot of international students, including for example Brazilians and Malaysians. Attended course in France, for 14 days, with many European and Indian students. Working at Red Hat in international team and communicate every day with colleagues from Hungary, China and US.

References

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