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EMPLOYMENT

Quality Engineer - intern **Red Hat, Inc.** **Mar 2014 - Present**

- Development of automated tests for the Red Hat Storage (GlusterFS-Hadoop)

Summer of Code in Space **European Space Agency** **Sept 2013 - Jan 2014**

SunPy - Python for solar physics

- Designed and implemented new core data type able to hold N-dimensional data
- Implemented structures for holding data frames of various types and data header WCSParser

Google Summer of Code **QEMU.org** **Summer 2013**

virsh, libvirt

- Extended virsh by implementing object auto completion to commands and arguments, e.g. completion to command "start" lists additional list of possible domains ready to start

EDUCATION

Czech Republic **Masaryk University** **Fall 2013 - present**

- Bc. in Computer Science (expected 2016)

Slovak Republic **Slovak University of Technology** **2010 - 2013**

- Bc. in Applied Informatics and Automation, July 2013. Percentile: in top 10% of all students
- Coursework: Automation, Programmable Logic Controllers, Programming Languages, Software Engineering

OPEN SOURCE PROJECTS

- **Fedora Gooley Karma** (2013). Multi-threaded GUI application for Fedora QA engineers. View, filter, rate and comment software packages in test (team collaboration with Branislav Blaskovic, RedHat). Python, Qt
- **splitwm** (2012 - 2013). Lightweight dynamic window manager for the X Window System, virtual desktops, windows tiling and floating support, info bar, user config. C, Xlib
- **stepc** (2012). Command line pedometer data processor, html page generation, including graph and statistics, automated upload via ssh/rsync. Python
- **spdf, jpdf** (2012). Command line tools for splitting and joining PDF documents. Python

AWARDS

- **Open Source Contest - autumn 2013 winner:** One of the three winners of the bug fixing contest at the Masaryk University
- **Merit Scholarship (2011 & 2012):** Awarded each year to best 10% students of Slovak University of Technology

LANGUAGES AND TECHNOLOGIES

- Python, C, Shell scripting, Linux