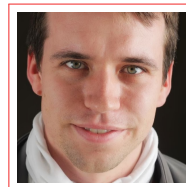


Ing. Michal Bryxí

Curriculum vitae

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Education

- 2005–2011 **Ing. (Engineer)**, *University of West Bohemia - Faculty of Applied Sciences, Pilsen.*
2001–2005 High industrial school Kutná Hora

Experience

Information Technology

- 2010–2013 **Configuration manager**, *IntraWorlds s.r.o.*
Linux infrastructure maintenance and growth. OS/application security and performance. Automation of daily developer tasks. Achieved goals:
 - Product migration from ISO 8859-1 to UTF8
 - Implementation of ISO 27001 - information security management system
 - Production migration to Puppet - IT automation software
 - Implementation of central logging tool - Logstash
- 2012 **Configuration manager**, <http://vsechnyzakazky.cz>.
Linux server administration - *puppet*; virtualization - *libvirt* and *KVM*; security
- 2008–2011 **Linux administrator**, <http://mujhost.net>.
Consultation for existing solutions and their improvement. Virtualization. Security.
- 2009 **IT consulting**, <http://aktivuj.cz>.
MySQL query optimization. Database and Apache tweaking. Application security and response times improvement.
- 2008–2011 **Webmaster, linux administrator**, <http://dione.zcu.cz>.
Implementation of e-zine based on Drupal CMS. Linux system administration.
- 2008 **Lector on network administrator course**, *Jan Ámos Komenský academy*.
Network administrator course for employment office.

Organizational

- 2009–2010 **Founder of** <http://tylidi.zcu.cz>, *University of West Bohemia*.
Seminar focused on attracting young women to IT.
- 2007–2008 **Lector on IT camp**, *Travel agency Sindibád*.
Camp oriented on acquiring basic knowledge of HTML, CSS, and good habits of using computers for children from 10 to 15 years.

2005–2009 **Promotional work**, *University of West Bohemia*.

- Assistance during *Faculty of Applied Sciences* Open days - Navigating visitors, handing out leaflets, discussing with prospective students.
- *University of West Bohemia* popularization on secondary schools. Lectures about college studies and about University of West Bohemia.
- Informal discussions - freshmen with older students.

Languages

English **advanced**

Advanced written and spoken communication.

German **beginner**

Basic reading and speech understanding.

Computer skills

Languages advanced BASH, CSS, HTML, \LaTeX , MySQL, PHP, Ruby

Languages beginner AWK, C, C++, Java, JavaScript, LESS, LISP, Matlab, Prolog, Python, SASS, SED

Sysadmin Amazon EC2, Apache, Cacti, Elastic Search, iptables, linux (Gentoo, Debian, RHEL), Logstash, memcached, MySQL, Nagios, PostgreSQL, puppet, redis, shell scripts, TCP/IP

Other Capistrano, CakePHP, Drupal, GIMP, git, Google app engine, Heroku, Inkscape, jQuery, Open Office, rake, redmine, Ruby on Rails, subversion, trac, Zend framework

Projects

- Malware cleaner for Apache “APR fork vulnerability” vulnerability:
<https://github.com/MichalBryxi>
- Pure CSS3 countdown timer. RoR, Hroku, LESS concept project:
<http://ding.pudr.com>
- Cell phone invoice manager for O2 corporate customers:
<http://foun.pudr.com>
- Webpages:
 - <http://kulecnik-plzen.cz>
 - <http://alkadomky.cz>
 - <http://dione.zcu.cz>
 - <http://tylidi.zcu.cz>
 - <http://os-smisek.cz>

Extra

- Driver's licence A (motorcycle) and B (car)

Interests

- good UX; RoR; puppet; useful scripts; HTML 5; CSS 3
- parachute jump; climb up radio towers (150 m); roller coasters; couchsurfing
- cycling; rock climbing; geocaching; social experiments