Roland Bogosi | Résumé

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"Knowing is not enough; we must apply. Willing is not enough; we must do." - Johann Wolfgang von Goethe

Education

Sapientia EMTE, Faculty of Technical and Human Sciences　　　　　　**Târgu-Mureș**
B.Sc. Computer Engineering　　　　　　　　　　　　　　　　*September 2012–July 2016*
Gave multiple presentations in various fields; attended the XVI. Scientific Student Conference with a project which won a special award; participated in a research group studying sentiment analysis as an extracurricular activity; doing thesis in the field of Information Security.

Experience

BrightAlien Ltd　　　　　　　　　　　　　　　　　　**London (Remote)**
DevOps Engineer and Full-Stack Developer　　　　　　*December 2013–December 2015*
Job responsibilities include the full-stack development of 9 websites plus an internal dashboard; the installation with continued proactive monitoring and administration of 4 *nix-based and 1 Windows-based production servers; miscellaneous DevOps responsibilities.

Lynx Solutions SRL　　　　　　　　　　　　　　　　　**Târgu-Mureș**
Android Developer Internship　　　　　　　　　　　　*July 2014–August 2014*
Job responsibilities included the creation of a 30-page document describing the application to be developed and its specifications; the single-handed development of the documented Android-based application with UI accommodating both smartphones and tablets alike (through the use of fragments and multiple layouts with constraints); overseeing fellow interns through their journey of implementing the documented REST API.

Certifications

IPv6 Certified Sage, Hurricane Electric　　　　　　　　　　　　　*March 2011*

Publications

Sapiness Sentiment Analyser: Katalin Tünde Jánosi-Rancz, Zoltán Kátai and Roland Bogosi; *Acta Universitatis Sapientiae, Informatica,* vol. 7, no. 2, pp. 186–199, 2015.

Languages

English: Full professional proficiency

Hungarian, Romanian: Native or bilingual proficiency

Technical Skills

Proficient with

Languages: C/C++ *(8 years)*, C# *(10 years)*, Java *(9 years)*, Go, Python, PHP *(12 years)*, JavaScript, SQL

Libraries: STL, Boost, Qt, MFC, Swing, WinForms, WPF, C++/CLI, NUnit, jQuery, Bootstrap, Angular.js, PHPUnit...

Technologies: Android, Android NDK, Debian, CentOS, BSD, nginx, Apache, HHVM, exim, Postfix, Redis, memcached, ElasticSearch, Sphinx, MySQL/MariaDB, SQLite, Oracle, SOAP, JSON, Google ProtoBuf, XDebug, OpenVPN, L2TP/IPSec, Radius/LDAP, Tor/I2P, Meshnets, Google AppEngine, Amazon AWS/Linode/DigitalOcean, CloudFlare/Incapsula, NSIS, InnoSetup, WiX, MSTest, dotCover, dotMemory, dotTrace...

Fields: Penetration testing, Reverse engineering, System administration, Shell programming, Task automation, High availability (Load-balancing, TTFB optimization...), Software performance, Server/software security, Data encryption, Networking, Screen scraping, Testing, Search engine optimization (SEO), Continuous Integration

Exposure to

Languages: Matlab, VHDL, CAPL, Ruby, PowerShell

Technologies: OpenCL, Cuda, PostgreSQL, Microsoft SQL Server, MongoDB, CouchDB

Fields: Massively parallel systems, Neural networks, Recommendations systems

Interests

Self-teaching is an important part of my lifestyle. I try to keep up with the ever-evolving technologies of today. I constantly **try out new languages**, **new technologies** and **new practices**. I constantly go back and **re-do old projects**, with a twist, and I challenge myself to do it much better this time, by setting much higher goals. I read **research papers**, **0-day bulletins** and other sources of information that let me be ahead of the competition. I am not afraid to take initiative, and to color outside of the lines. I don't mind to get my hands dirty to try something out, let it be DoS-ing my own server in order to try out if an optimization technique or security practice did indeed work. I also watch **conference videos** (such as **DefCon**, **Black Hat**, etc) and **tech-talks** (such as **Microsoft's GoingNative**, and much more) in order to get an edge in their specific fields.

A more detailed description of my technical skills, list of personal projects and extracurricular activities is available in my Curriculum Vitæ, which can be downloaded from https://rolisoft.net/cv.pdf