

David Lazăr

Personal Information

Date of Birth	11 September 1981
Marital Status	Single
Nationality	Romanian
Address	Str. Brândușelor, Nr. 8, Bl. 15, Sc. H, Ap. 8 RO-500412 Brașov România
Tel. (home)	+40 268 586 023
Tel. (mobile)	+40 745 096 093
Email	dlazar@gmail.com
Web Page	http://www.c7obs.net/~david/

Objective Pursuing a career in software/hardware development and/or networking, while travelling around the world and meeting new people and their cultures.

Education

Feb 2005 – Jun 2005 **Swiss Federal Institute of Technology**, Zürich, Switzerland
Computer Science Dept.
Laboratory for Software Technology

I worked there as an undergraduate student, for my diploma thesis (implementing a wireless congestion control protocol in the Linux kernel), under the supervision of prof. Thomas Gross.

Oct 2000 – Jun 2005 **Technical University of Cluj-Napoca**, Cluj-Napoca, România
Faculty of Automation and Computer Science
Computer Science Dept.

I have graduated with a grade of 10 out of 10. The grade average over the five years was of 9.68 out of 10 (the second in my generation).

While studying there, I have obtained the highest possible scholarship: *performance scholarship* for excellent academic results (my grade average was greater than 95% for more than two consecutive years).

Sep 1996 – Jun 2000 **“Andrei Șaguna” National College**, Brașov, România
Informatics Section

I have graduated with a grade of 9.50 out of 10 at my “Baccalaureate” exam.

Published Work

D. Lazăr, H. Haitonic, O. Creț, *AES Implementation using VHDL*, Transactions on Automation and Computer Science, tome 47 (61), no. 2, pp. 57-60, in Periodica Politechnica of the Technical University of Timisoara, Romania, 18-19 October, 2002.

Work Experience

Jan 2006 – present **Programmer** at the Romanian branch of National Instruments Corp.

I worked with embedded platforms, implementing low-range wireless networking protocols.

- Oct 2005 – Feb 2006 **Teaching Assistant** at the Technical University of Cluj-Napoca.
I held the *Logic Programming* laboratory activities, during which I taught the Prolog language to students in their 3rd year of studies.
- May 2004 – Feb 2005 **Network Technician** at the Data Communications Centre of the Technical University of Cluj-Napoca.
My responsibilities included maintaining the web/FTP/proxy server of the university (www.utcluj.ro), maintaining the backup system, and providing technical assistance to the employees of the Technical University (teachers and personnel – more than 500 computers).
- July 2004 Under the guidance of Mr. Markus Gaelli and prof. Stephane Ducasse from the University of Bern, Switzerland, I organised a one-week introductory course of Smalltalk. The course comprised both lectures and laboratory works, and was attended by students as part of their practical activity.
- September 2000 Just after graduating from high-school, I was asked by my former informatics teacher, Mr. Adrian Modrisan, to hold his courses while he was away. For two weeks, I had taught to the 6th grade (introduction to computers), to the 10th grade (the Pascal programming language), to the 11th grade (C/C++) and to the 12th grade (the FoxPro database system).

Skills

Programming	C/C++ (UNIX programming, BSD sockets, ncurses, GTK+, svgalib, libpcap), Java (console applications, Swing applications, JSP, JDOM, servlets), Perl (UNIX programming, GTK+, Gimp-perl, CGI, mod_perl), Bash, Awk, Sed, Python, LISP, Prolog, Pascal, Assembly Language (x86).
Networking	TCP/IP, Ethernet(IEEE 802.3), WiFi(IEEE 802.11{a,b,g}), ZigBee(IEEE 802.15.4)
Web Design	HTML, XHTML, CSS, JavaScript, JSP, PHP
Databases	MySQL, Microsoft SQL Server, Microsoft FoxPro
Operating Systems	GNU/Linux (Debian , Slackware, SuSE, RedHat/Fedora, Mandrake/Mandriva, Linux From Scratch), FreeBSD, SunOS/Solaris, Windows XP, Windows 2000, BeOS.
Administration	Apache Web Server(1.3.x and 2.0.x), MySQL, Squid, VsFTPd, ProFTPd, OpenSSH, Exim
Applications	L ^A T _E X, GIMP, Inkscape, OpenOffice.org, vim
Version Control	CVS, Subversion, Bazaar-NG, darcs
Hardware Design	VHDL

Languages	Romanian (mother tongue)
	English (excellent – 12 years of study)
	French (good – 12 years of study)
	German (basic – 4 months of study)
	Japanese (basic – 1 year of study)

Hobbies Computers, photography, mountaineering, travelling.

Driving License

Class B Driving License

Additional Information

I am credited in the AUTHORS file of the FVWM window manager, and in the Linux Kernel ChangeLog for various minor patches.

References

References are available upon request.

Cluj-Napoca, România, 08 February 2006