






PERSONAL INFORMATION



 Omladinskih Brigada 7/4, 11000 Belgrade
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Sex Male | Date of birth 26/04/1964 | Nationality Serbian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

Computer Science and Technology

WORK EXPERIENCE

2004 – present

Research Associate

“Mihajlo Pupin” Institute, Volgina 15, 11000 Belgrade, Serbia, <http://www.pupin.rs/en/>

Project manager and/or member of research staff of few projects concerning ITC:

- "DEVELOPMENT OF SYSTEMS FOR RECYCLING ELECTRONIC AND ELECTRICAL EQUIPMENT", financed by the Ministry of science and technological development of the Government of the Republic of Serbia, TR TR-006709, project manager, 2005-2008.
- "BIOSENSING TECHNOLOGY AND GLOBAL SYSTEM FOR CONTINUOUS RESEARCH AND INTEGRATED MANAGEMENT OF ECOSYSTEMS", financed by the Ministry of science and technological development of the Government of the Republic of Serbia within programme of integrated and interdisciplinary research, III 43002, project manager Miroslav Vesković, 2011-2015.

- The transformation of SCO UNIX v5.0. x server RUJP applications on Linux servers
 - Performance optimization for the Virtualization techniques
 - Security in virtual environments
 - The implementation of some form of Cloud Computing
- Business or sector** Public sector – Research and Development

1996 – 2004

Adviser

“Mihajlo Pupin” Institute, Volgina 15, 11000 Belgrade, Serbia, <http://www.pupin.rs/en/>

Member of research staff of many projects concerning ICT:

- The transformation of the SCO XENIX server RUJP application on servers with SCO UNIX v2.0
 - Optimization of SCO UNIX server for RUJP application
 - Optimization of TCP / IP protocols and network services ftp and nfs for SCO Unix v.4.2
 - The transformation of SCO UNIX v4.2 server for RUJP application on servers with SCO OpenServer UNIX v5.0.5
 - The transformation of Novell Netware v3.11 server with the application for RUJP on servers with SCO OpenServer UNIX v5.0.5
 - Optimizing disk cache under UNIX system
 - The implementation of the cluster servers to the Linux operating system
 - Optimize RAID configuration for cluster servers on a Linux operating system
 - Optimization of journaling techniques to the Linux operating system for LPA application
 - Optimization of hardware and software RAID solutions on the Linux operating system
 - Optimization LVM on Linux operating system for LPA application
 - Security services on the Linux operating system
- Business or sector** Public sector – Research and Development

- 1989- 1996 **Researcher**
 "Mihajlo Pupin" Institute, Volgina 15, 11000 Belgrade, Serbia, <http://www.pupin.rs/en/>
 Member of research staff of many projects concerning ICT:
 ▪ design, implementation and testing of CPU main-boards and disk controllers for PC computer systems
 ▪ design of specific BIOS routines
 ▪ optimizing of disk performances
 ▪ optimizing of file system performances
Business or sector Public sector – Research and Development

- 2006 – 2009 **Associated Professor**
 Metropolitan University, Tadeuša Koščuška 63, 11000 Belgrade, Serbia, <http://www.metropolitan.edu.rs/en/>
 Teaching courses:
 ▪ Computer Architecture
 ▪ Advanced Operating Systems
Business or sector Private sector – High Education

- 2009 – 2014 **Associated Professor**
 Faculty of Technical Science, University of Kragujevac, Svetog Save 65, 32000 ČačakNovi Sad, Serbia, <http://www.ftn.kg.ac.rs/home>
 Teaching courses:
 ▪ Operating Systems
 ▪ Computer Networks
 ▪ SECURITY OF COMPUTER SYSTEMS AND NETWORKS
Business or sector Public sector – High Education

EDUCATION AND TRAINING

- 1994 – 2003 **PhD in Technical Sciences** PhD
 University of Belgrade, Faculty of Electrical Engineering, Serbia
 ▪ Electrical Engineering – Computer Science

- 1989 – 1992 **MSc in Technical Sciences** MSc
 University of Belgrade, Faculty of Electrical Engineering, Serbia
 ▪ Electrical Engineering – Computer Science

- 1984 – 1989 **BSc in Electrical Engineering (5 years studies)** BSc
 University of Belgrade, Faculty of Electrical Engineering, Serbia
 ▪ Electrical Engineering – Computer Science

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A2-Basic user	A2-Basic user	A2-Basic user	A2-Basic user	A2-Basic user

	Professional language schools certificates.				
French	A2-Basic user	A2-Basic user	A2-Basic user	A2-Basic user	A2-Basic user
	Integral part of regular education, from primary to university level..				
	Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages				

Communication skills
Organisational / managerial skills
Job-related skills

- Good communication skills gained through my experience as university professor
- Member of programming committee of few scientific conferences
- Expertise:
 - Computer Architecture;
 - Operating systems;
 - Computer Networks;
 - Computer Security
- Scientific disciplines:
 - System modelling;
 - Performance optimizing;
 - Security development;
- Specific research subjects:
 - Disk and file systems research
 - Research in the virtualisation
 - Research in the Cloud Computing

Computer skills

- Operating systems: UNIX/Linux, MS Windows, other;
- Office Automation: MS Office (Word, Excel, etc.), MS Project
- Data Bases: Fox , MS Access
- Presentation skills: MS PowerPoint

Other skills
Driving licence

- Bicycle driving
- B type (car driving) since June 1983

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

Over 100 published scientific papers – see Annex 1
Participation in realization of 2 research projects - see Annex 2:
Number of citations: 65 (as of June 2015)

ANNEXES

**Annex 1 : Borislav Đorđević
Bibliography**
Books and Monographs

- [1] Đorđević Borislav, Pleskonjić Dragan, Maček Nemanja " OPERATING SYSTEMS: UNIX AND LINUX ", Viša Elektrotehnička Škola, Belgrade 2004, ISBN 86-85081-03-3
- [2] Đorđević Borislav, Pleskonjić Dragan, Maček Nemanja, " OPERATING SYSTEMS: CONCEPTS ", Viša Elektrotehnička Škola, Belgrade 2004, ISBN 86-85081-10-6
- [3] Đorđević Borislav, Pleskonjić Dragan, Maček Nemanja, " OPERATING SYSTEMS: COLLECTION OF THE SOLVED PROBLEMS ", Viša Elektrotehnička Škola, Belgrade 2004, ISBN 86-85081-15-7
- [4] Đorđević Borislav, Pleskonjić Dragan, Maček Nemanja, " OPERATING SYSTEMS: THEORY, PRACTICE AND RESOLVED TASKS ", Mikro Knjiga, Belgrade 2005, ISBN 86-7555-274-2
- [5] D. Pleskonjić, B. Đorđević, N. Maček, M. Carić, " SECURITY OF COMPUTER NETWORKS ", Viša elektrotehnička škola, Belgrade, 2006., ISBN 86-85081-16-5
- [6] D. Pleskonjić, B. Đorđević, N. Maček, M. Carić, " SECURITY OF COMPUTER NETWORKS - A COLLECTION OF SOLVED TASKS ", Viša elektrotehnička škola, Belgrade, 2006., ISBN 86-85081-55-6
- [7] D. Pleskonjić, B. Đorđević, N. Maček, M. Carić, " SECURITY OF COMPUTER NETWORKS - A MANUAL FOR LABORATORY EXERCISES ", Viša elektrotehnička škola, Belgrade, 2006., ISBN 86-85081-49-1
- [8] D. Pleskonjić, N. Maček, B. Đorđević, M. Carić, " SECURITY OF COMPUTER SYSTEMS AND NETWORKS ", Mikro knjiga, Belgrade, 2007., ISBN: 978-86-7555-305-2
- [9] Đorđević Borislav, Marko Carić, Pleskonjić Dragan, Maček Nemanja " UNIX ARCHITECTURE ", Visoka Elektrotehnička Škola, Belgrade 2007, ISBN 978-86-85081-94-1
- [10] Đorđević Borislav, Marko Carić, Pleskonjić Dragan, Maček Nemanja " GNU / LINUX SYSTEM PROGRAMMING - MANUAL FOR LABORATORY EXERCISES ", Visoka škola elektrotehnike i računarstva, Belgrade, 2007, ISBN 978-86-7982-009-9, knjiga – udžbenik
- [11] B. Djordjevic, V. Timcenko, (2012), "Ext4 File System in Linux Environment: Features and Performance Analysis", International Journal of Computers, Editor-in-Chief Prof. Metin Demiralp, pp. 37-45, Issue 1, Volume 6, 2012, ISSN: 1998-4308, <http://www.naun.org/main/NAUN/computers/17-372.pdf>

International scientific journals

- [1] B. Djordjevic, S. Miskovic, (2003), "Disk Interface comparison and Operating System file-caching investigation", Microprocessors and Microsystems, Elsevier Science Volume/Issue 27/4, pp. 181-198 (received 10 July 2002; revised 1 December 2002, accepted 10 January 2003)
- [2] Dragan Pleskonjic, Nemanja Macek, Borislav Djordjevic, Marko Caric: (2007), "Security of Computer Systems and Networks" Book Preview. Comput. Sci. Inf. Syst. 4(1): 77-92 (2007). Volume 4, Number 2, December 2007, Editorial: Marjan Memnik, ISSN : 1820-0214 <http://www.comsis.org/ComSIS/Vol4No1/BookPreview/Book.htm>
- [3] N. Macek, B. Dordevic, V. Timcenko, M. Bojovic, M. Milosavljevic, (2014) "Improving Intrusion Detection with Adaptive Support Vector Machines", Electronics and Electrical Engineering – Kaunas: Technologija Vol 20, No 7 (2014), ISSN_1392-1215, pp. 57-60, <http://eejournal.ktu.lt/index.php/elt/article/view/8025> , DOI: <http://dx.doi.org/10.5755/j01.eee.20.7.8025> , the Impact Factor of the journal is 0,445 (2013).
- [4] B. Dordevic, N. Macek, V. Timcenko, (2015) "Performance Issues in Cloud Computing: KVM Hypervisor's Cache Modes Evaluation", Acta Polytechnica Hungarica, Journal of Applied Sciences Hungary, ISSN 1785-8860, <http://www.uni-obuda.hu/journal> , the Impact Factor of the journal is 0.471 (2014). (letter of acceptance)

International scientific conferences

- [1] B. Đorđević, (1991), "Performance improvement of SCSI disk on the PC 386 under the MS-DOS operating system", Advanced Summer School on Modern Computer Design, Sava center, June 1991
- [2] B. Djordjevic, V. Milutinovic, D. Zivkovic, N. Jovanovic, (2001), "Set-Associative Disk Caching for a FAT File System", 2001 International Conference Advances in Infrastructure for Electronic Business, Set-Associative Disk Caching for a FAT File System Science, and Education on the Internet, SSGRR 2001 L'Aquila, Aug 06-12, 2001
- [3] B. Djordjevic, V. Milutinovic, D. Zivkovic, N. Jovanovic, (2002), "PCI BUS versus ISA BUS on SCSI Disk Controllers under UNIX Operating System", 2002 International Conference Advances in Infrastructure for Electronic Business, Set-Associative Disk Caching for a FAT File System Science, and Education on the Internet, SSGRR 2002w L'Aquila, Jan 21 -27, 2002
- [4] B. Djordjevic, V. Milutinovic, S. Miskovic, N. Jovanovic, (2002), "Hardware RAID-5 versus Non-RAID solution under UNIX Operating System", 2002 International Conference Advances in Infrastructure for Electronic Business, Set-Associative Disk Caching for a FAT File System Science, and Education on the Internet, SSGRR 2002s L'Aquila, July 29-August 4, 2002
- [5] B. Djordjevic, V. Milutinovic, S. Miskovic, N. Jovanovic, (2003), "Disk Caching for Centralized Operating Systems dedicated to PC architecture", 2003 International Conference Advances in Infrastructure for Electronic Business, Set-Associative Disk Caching for a FAT File System Science, and Education on the Internet, SSGRR 2003w L'Aquila, Italy, January 6-12, 2003
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Annex 2 : Borislav Đorđević:
List of projects: Member of
research team and/or project
manager

LIST OF R&D PROJECTS

- "DEVELOPMENT OF SYSTEMS FOR RECYCLING ELECTRONIC AND ELECTRICAL EQUIPMENT", financed by the Ministry of science and technological development of the Government of the Republic of Serbia, TR TR-006709, project manager, 2005-2008.
- "BIOSENSING TECHNOLOGY AND GLOBAL SYSTEM FOR CONTINUOUS RESEARCH AND INTEGRATED MANAGEMENT OF ECOSYSTEMS", financed by the Ministry of science and technological development of the Government of the Republic of Serbia within programme of integrated and interdisciplinary research, III 43002, project manager Miroslav Vesković, 2011-2015.