

Dilyan I. Berkovski

Birth Date: 18.05.1977
Driving License: Yes

Contacts:
Cell: +359(0)898.400.958
e-mail: berkovski@gmail.com

EDUCATION

2002 – 2004	Technical University of Munich	Munich, Germany
	> Master of Science in Communications Engineering	
1998 – 2002	Technical University of Sofia	Sofia, Bulgaria
	> Bachelor of Science in Communications Engineering and Technologies	
1991 – 1996	High School of Microprocessor Technologies	Pravetz, Bulgaria
	> Technician of Microprocessor Techniques	

QUALIFICATIONS

2010	Advanced Visual Basic for Excel	Sofia, Bulgaria
2010	Implementing Cisco MPLS Traffic Engineering & Other Features	Sofia, Bulgaria
2010	Implementing Cisco MPLS	Sofia, Bulgaria
2009	Ericsson MINI-LINK installation	Sofia, Bulgaria
2009	Level A DWDM training on ZTE Unitrans M800/M900, ZTE University	Shenzhen, China
2008	WCDMA RAN Product Advanced Training: Huawei BSC6810 Hardware System Structure, Data Configuration, Hardware and Transmission Dimensioning; Principles of HSDPA/HSUPA	Shenzhen, China
2008	ConnectMaster tool for resource management in Telecom Networks	Sofia, Bulgaria
2006	European Institute of Continuing Education: Next Generation Networks: Broadband Infrastructure, ATM Switching, High-Speed LAN Systems, The Internet Architecture, and Wireless/Mobile Technology	Nice, France
2006	Tellabs 8000 Network Manager Operations with Tellabs 8100 Nodes	Sofia, Bulgaria
2006	George Washington University: Managing Projects	Sofia, Bulgaria
2006	Aircom International – transmission tool training - DIRECT	Sofia, Bulgaria
2006	Huawei Technologies - WCDMA BSC6800 Product Training	Sofia, Bulgaria
2006	Huawei Technologies - WCDMA Node B Product Training	Sofia, Bulgaria
2005	Oracle University - Introduction to Oracle 9i: SQL	Sofia, Bulgaria
2005	Siemens TNMS Operation & Administration: General Topics	Munich, Germany
2005	Siemens Optical Networks SURPASS hiT 70xx O&M, General Topics	Munich, Germany

PROFESSIONAL EXPERIENCE & INTERNSHIPS

	COSMO BULGARIA MOBILE – GloBul	Sofia, Bulgaria
09/2005 – now	Senior Transmission Engineer – Routing	
	> Network configuration and capacity dimensioning of the access & national SDH/DWDM backbone transmission network	
	> Cost and reliability analysis, access & core network planning and optimization	
	> Project Management: network expansions, new locations / relocations, new Fiber Optic infrastructure projects, new equipment/technology trials, special projects	
	> Budget preparation, equipment ordering, research and evaluation of new vendors, equipment and technologies	
	> Design, implementation and integration of a customized transmission tool	

- 11/2004 – 08/2005 **Transmission Planning Engineer – Fibre Optics Networks**
- Planning and operation of national backbone SDH network, routing and management
 - Optimization of SDH, PDH and data traffic
 - Utilization, KPI, projects and ad-hoc reports on regular basis
- BRITISH TELECOM (Germany) GmbH** Munich, Germany
- 08/2003 – 10/2004 **Internship / Student Job/ Master Thesis**
- Projects on Interconnections analysis, utilization and optimization with reporting tools
 - Analysis of routing profiles for different SDH/WDM circuits/networks and generation of a network resource utilization matrix as input for network cost modeling and optimization
 - Research on next generation SDH networks concerning shared dynamic services, network optimization, planning and management
 - Developed optimization models for routing using AMPL and CPLEX
- TECHNICAL UNIVERSITY of Munich,** Munich, Germany
LKN Institute
- 04 – 07/2004 **Teaching Assistant** (2 exercises per week)
- 11/2003 – 02/2004
- Teaching an exercise in Communications Networks Lab course at the Institute of Communication Networks (LKN) with tasks including: setting up the experimental system, network configuration, synchronization, setting up cross-connections, examining protection switching mechanisms, etc.
- TECHNICAL UNIVERSITY of Munich**
- 03/2003 – Interdisciplinary Research Center, Project SFB 453: Munich, Germany
07/2003 **Realistic Telepresence and Teleaction**
- Research Assistant** (part time)
- Assisting in a multimedia research project at the Institute of Communication Networks (LKN) with tasks including C/C++ programming, performing and evaluating simulations, literature research
 - Created and Implemented compression / decompression scheme for dynamic multi modal data
- BULGARIAN NATIONAL ARMY** Pleven, Bulgaria
- 10/1996 – ➤ Army service at the National School for Officers of the Reserve
01/1998

SEMINARS & PUBLICATIONS

- 05/2010 Lecturer at Technical University of Sofia, initiative “The Hour of Globul”, topic “SDH and DWDM networks”
- 02/2006 1st COSMOTE Group Mobile Transmission Network Workshop, Athens, Greece
- 09/2004 “Capacity Optimisation Models for Shared Dynamic Transport Services”, master thesis, Technical University of Munich
- 07/2004 “Повече за патентите и патентното право”, published at <http://www.linux-bg.org/cgi-bin/y/index.pl?page=article&id=ideas&key=362959548>
- 01/2004 “Scheduling Methods for Wireless Shared Channels”, presented on Seminar on Topics in Communications Engineering, Technical University of Munich
- 11/2003 “ICT Industry Acts Globally: Differences between Bulgaria and EU”, presented at Engineering Management course, Technical University of Munich
- 07/2002 “Protocol Stacks for Mobile Internet in 3G Networks”, bachelor thesis, Technical University of Sofia

Numerous workshops, seminars and presentations on various topics with Cisco, Motorola, Huawei, Ericsson, RAD, COSMOTE Group, Nokia Siemens Networks, Intracom, Aircom, ALU, Tellabs, ZTE and others.

SKILLS & ACTIVITIES

Supervised students	2009/2010 Part time student job supervision: Ivan Patrishkov, student at TU-Sofia. 2008 Part time student job supervision: Todor Kolev, student at TU-Sofia. 2008 Bachelor Thesis on “Optimization Models for Access Mobile Networks Transmission”, Svetoslav Goranov, defended at the Technical University – Sofia, Grade 6.0; 2007 Part time student job supervision: Svetoslav Goranov, student at TU-Sofia. 2007 Summer Internship of Enio Kirov, student at UNWE-Sofia, working on Digital Operations and Data Base project under my supervision; 2006/2007 Part time student job supervision: Boyan Yankov; 2006 Summer Internship of Boyan Yankov, student at TU-Sofia, working on Digital Operations and Data Base project under my supervision; 2005 Bachelor Thesis on “Backbone Network Planning for GSM Network”, Radoslava Nedialkova, defended at the Technical University – Sofia, Grade 6.0;
Computer	MS Windows & Office, UNIX/Linux OS, HTML/XML, PHP, C/C++, SQL, Oracle, PostgreSQL, Matlab, Business Objects, VBA, AMPL, CPLEX, LOQO, LaTeX
Networks	LAN/MAN/WAN, Ethernet; Cellular Networks: GSM, WCDMA/UMTS; ATM, PDH, SDH/WDM
Languages	Bulgarian – native, English – excellent, Russian – good, German – basic
Hobbies	Historic and popular science books, camping and fishing

Recommendations:

- Human Resources Recommendation Letter, British Telecom – Germany
- Dipl. Ing. Michael Trommer, British Telecom – Germany
- Dr. Ing. Thomas Fischer, Technical University – Munich
- eng. Tiago Gasiba, MSc, Ericsson Labs Germany
- Mr. Dimitre Zahariev, MSc, Studio ITTI – UK
- eng. Tseno Tsenov, MSc, Cosmo Bulgaria Mobile – Globul
- eng. Svetoslav Duhovnikov, MSc, Nokia Siemens Networks - Munich