




PERSONAL INFORMATION

Veneta Panayotova Aleksieva



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Sex F | Date of birth 21/11/1970 | Nationality Bulgarian

WORK EXPERIENCE

from 2006 until present

Professor, Instructor CCNA, CCNA Security

Technical University of Varna, Varna, 1, Studentska Str.

Higher education

Lecturer at Dept. of Computer Science and Engineering.

Head of Department of Computer Science and Engineering since end of 2023

My main subjects are: computer networks, administration of computer networks, internet servers and SERVICES, programming with c++, software requirements specifications, etc. As instructor I prepare lectures and labs with cisco and catalyst network equipment. I prepare my students to take industrial certificate from cisco about networks administration – ccna and ccna security.

2009 -2014

Designer

PAN39 Ltd., Varna, 41a, Macedonia Str.

Building design - only part "electricity"

Designer of blue prints of power electricity in the building. I create blue prints of computer network, fire alarm, etc.

2000 - 2006

Teacher of informatics and Information Technologies

First Language School, Varna, 29, Podvis Str.

high school education

1999 -2000

programmer

Emir Ltd. Varna, 48-50, Slavejkov sq.

Trade marketing

apply accountind software

1995 -1998

programmer

Ekom Ltd.Varna, 12, Prezviter Kozma Str.

Accounting Software

Create, test, apply accounting software

1993-1994

Worker

Varna Invest- Varna

investment auctions

Administrative activity

1988

Trainee Programmer

Central Institute Computer Science and Technique - Varna

Creation, maintenance and sales of software

Testing of the developed software

EDUCATION AND TRAINING

- 2008-2012 **PhD degree in Computer Science**
Technical University of Varna
- 2008-2010 **M.S. degree in Electrical Engineering in Industry**
Technical University of Varna
- 1999-2000 **M.S. degree in Economics – accounting and control**
University of Economics – Varna
- 1994-1999 **Bachelor degree in Economics – accounting and control**
University of Economics – Varna
- 1992-1993 **Designer- Industrial Design**
Technical University of Varna
- 1989-1991 **Teacher of Computer Science**
Technical University of Varna
- 1988-1993 **M.S. degree in Computer Science**
Technical University of Varna

PERSONAL SKILLS

Mother tongue(s) Replace with mother tongue(s)

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	C1	B2
Russian	C2	C2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ excellent communication skills gained through my experience as teacher and professor

Organisational / managerial skills ▪ Take responsibility of taking decisions, team working, communication skills,
▪ individual approach to the specific needs of students, ability to work in a large team

Job-related skills ▪ .Instructor in Local Cisco Networking Academy
▪ Fifth degree for teacher of Informatics and Information Technologies
▪ • acquired full designer ability Part Automation and Instrumentation
▪ • acquired full designer ability Part Electric

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Certified: Cisco Certified Network Associated, Cisco Certified Academy Instructor.
With my CCNA and CCAI certificates I prepare people who want to participate to this certification program for entry-level network engineers that helps maximize their investment in foundational networking knowledge and increase the value of their employer's network. CCNA is for Network Specialists, Network Administrators, and Network Support Engineers with 1-3 years of experience. The CCNA validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks. But this is about active equipment in the network.
- Certified: R&M freenet Certified Designer, OC Designer
With this certificate I have additional abilities to teach people in networking area, because certified Installation Managers have the responsibilities for proper installation of R&M freenet cabling systems and for the quality control of these systems. But this is about passive equipment in the computer network.

Other skills

▪

Driving licence

B

ADDITIONAL INFORMATION

Publications

- 127 publications (more than 30 abroad)
 1. Алексиева, В., Х. Ненов. Качество на обратната връзка, базирана на електронни тестове, при E-learning обучение //Компютърни науки и технологии, 2005, бр.2, с. 81-87, ISSN 1312-3335.
 2. Ненов Х., В. Алексиева. Качество на обратната връзка при E-learning обучение. В: Втора национална конференция по електронно обучение във висшето образование 14-16.09.2006г. Китен. С., Университетско изд."Св.Климент Охридски", 2006, с. 129-132, ISBN-10.:954-07-2413-9 и ISBN-13:978-954—7-2413-3.
 3. Ненов Х., В. Алексиева. Формиране на оценка на база на електронни тестове. В: Втора национална конференция по електронно обучение във висшето образование 14-16.09.2006г. Китен. С., Университетско изд."Св.Климент Охридски", 2006, с. 129-132, ISBN-10.:954-07-2413-9 и ISBN-13:978-954—7-2413-3.
 4. Aleksieva V., The Problems in Distant- Learning. B: ICEST2007 Proceeding of Papers Volume 2, Bitola,2007,p.621-622, ISBN: 9989-786-06-2.
 5. Aleksieva V., P. Antonov. " A Model for Network Performance Analysis in Case of Transfer a Large Image Files",ICEST2008,Nish,Serbia,28-31.07.2008, p. 60-67, ISBN:978-86-85195-59-4.
 6. Aleksieva V., K. Gerasimov. "Expansion of the AutoCAD Functionality Aiming Minimization of 2D Electrical Blueprints Development Time" ISCCS2008, Kavala, Greece,25-27.09.2008,p. 356-362, ISBN: 978-954-580-254-6.
 7. Aleksieva V., D. Atanasova. "User Interface for Quick Testing of the Internet Connectivity" ISCCS2008, Kavala, Greece,25-27.09.2008,p. 326-331, ISBN: 978-954-580-254-6.
 8. АлексиеваВ., Изследване на връзката „Качество на e-learning –удовлетвореност на курсистите“, Свищов, 3-та национална конференция с международно участие по електронно обучение във висшето образование 14-15.05.2009,с.117-125, ISBN 978-954-23-0427-2.
 9. Aleksieva V., Relationship between E-Learning Quality and Feedback about Students Satisfaction, ICEST2009, Veliko Tarnovo, Bulgaria, 25-27.06.2009,p. 473-477, ISBN няма.
 10. В. Алексиева, Мултисензорно и мултимодално on-line обучение, Русе, 3-4.12.2009г. конференция Качеството на висшето образование в България – проблеми и перспективи '2009, с.45-51, ISSN 1314-0051
 11. В. Алексиева, Използване на интелектуални карти при създаване на тестове за проверка и самопроверка, Русе, , 3-4.12.2009г.конференция Качеството на висшето образование в България – проблеми и перспективи '2009, с.127-133, ISSN 1314-0051
 12. Aleksieva V., The system of Qualitative and Quantitative Indicators for MPLS Networks Analysis , Sofia - Compsystech2010, ACM ICPS VOL. 471, с.269-275 , ACM ISBN:978-1-4503-0243-2
 13. Aleksieva V., Comparison Studies on Path Recovery Schemes in MPLS Network, - ICEST2010,Macedonia,Bitola 2010, vol.2, p.497-500, ISBN: 978-9989-786-57-0
 14. Aleksieva V., The MPLS Network Simulators in the Computer Network Education, - ICEST2010,Macedonia–Bitola 2010,vol.2, p.939-942, ISBN: 978-9989-786-57-0
 15. Д.Матев, В.Алексиева, „Фотометрична база данни за осветители“,Сб.Доклади 14 национална конференция с международно участие BulLight България Светлина 2010, ISSN 1314-0787, Варна,България,с.IV28-31
 16. Алексиева В., Мултисензорно и мултимодално on-line обучение, //E&M Education, изд.София, бр.3/4, 2010, стр.7-15, ISSN 1313-0900
 17. Алексиева В., Антонов П. Комплексен сравнителен анализ на MPLS симулатори. //Компютърни науки и технологии, ТУ-Варна, 2010, бр.2 (под печат).
 18. Алексиева В., Метод за оптимизиране на път при възстановяване на LSP в MPLS мрежа с цел минимизиране загубата на пакети, “ДНИ НА НАУКАТА 2011”, том 2,СУБ клон Велико Търново,изд. «Фабер», Велико Търново, стр.249-258, ISSN 1314-2283
 19. Aleksieva V., Method for Paths' Optimization during Path Recovery in MPLS Network -

- ICEST2011, Serbia, Nish, June 29-July 01, 2011, pp.635-638, ISBN: 978-86-6125-031-6
20. Aleksieva V., Problems in Configuration of VPNs over MPLS Network - ICEST2011, Serbia, Nish, June 29-July 01, 2011, pp.587-590, ISBN: 978-86-6125-031-6
21. V. Bozhikova, M. Stoeva, V. Aleksieva, An Approach to Teaching "Software Design Patterns" - ICEST2011, Serbia, Nish, June 29-July 01, 2011, pp.1007-1010, ISBN: 978-86-6125-031-6
22. V. Aleksieva, Network Failures, Which Cause Path Recovery in MPLS Networks, John Atanasoff Society of Automatics and Informatics, Sofia, October 3-7, 2011, ISSN 1313-1850, pp.B397-400
23. V. Aleksieva, Minimizing Packet Losses During the Label Switching Path Recovery in MPLS Networks, John Atanasoff Society of Automatics and Informatics, Sofia, October 3-7, 2011, ISSN 1313-1850, pp.B401-404, DOI: 10.13140/2.1.2740.3209
24. Алексиева В., Анализ на проблеми на реализацията на IPv6 в MPLS среда, НАУЧНИ ТРУДОВЕ НА РУСЕНСКИЯ УНИВЕРСИТЕТ - 2011, том 50, серия 3.2, Русе, 28-29.10.2011, ISSN 1311-3321, pp.17-22
25. Алексиева В., Алгоритми за оптимизация на пътища в MPLS мрежа, UNITECH'11-INTERNATIONAL SCIENTIFIC CONFERENCE, 18 – 19 November 2011, GABROVO –стр.418-423, ISSN 1313-230X
26. Алексиева В., Антонов П. Комплексен подход за сравнителна оценка на методи за възстановяване на MPLS мрежи. //Компютърни науки и технологии, ТУ-Варна, 2011, бр.2 (под печат).
27. Алексиева В., Добри практики за преодоляване на проблемите в обучението на чуждестранни студенти, Четвърта национална конференция с международно участие по електронно обучение във висшето образование, 11-13.05.2012, Акад. изд. "Ценов", гр. Свищов, 2012, ISBN 978-954-23-0747-1, с.359-366
28. Aleksieva V., An Approach to Optimization of the Links' Load in the MPLS Domain, In proc. of ICEST'12, Veliko Tarnovo, Bulgaria, 28-30.06.2012, TU Sofia, Sofia, ISBN 978-619-167-003-1, pp.439-442
29. Алексиева В., Метод за възстановяване на път в MPLS мрежи, John Atanasoff Society of Automatics and Informatics, Sofia, October 3-5, 2012, ISSN 1313-1869, pp.337-340
30. Алексиева В., Моделиране на управлението на трафика с приоритети в MPLS мрежи с мрежи на Петри, НАУЧНИ ТРУДОВЕ НА РУСЕНСКИЯ УНИВЕРСИТЕТ - 2012, том 51, серия 3.2, Русе, 26-27.10.2012, ISSN 1311-3321, стр.35-40
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34. Алексиева В., Методи за възстановяване на път в MPLS мрежи. //Компютърни науки и технологии, ТУ-Варна, 2013, бр.1, с. 29-34, ISSN 1312-3335
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36. Алексиева В., P. Wrobel, Приложение на CLOUD услуги за контрол и управление на интелигентни енергоразпределителни мрежи, UNITECH'13-INTERNATIONAL SCIENTIFIC CONFERENCE, 22 – 23 November 2013, GABROVO –стр.211-216, ISSN 1313-230X
37. Алексиева В., Сигурност в CLOUD услуги за контрол и управление на интелигентни енергоразпределителни мрежи, UNITECH'13-INTERNATIONAL SCIENTIFIC CONFERENCE, 22 – 23 November 2013, GABROVO –стр.217-222, ISSN 1313-230X
38. Aleksieva V., H. Valchanov, T. Dlugosz, R. Wrobel, Real efficiency of SoHo routers with alternative software. //Telecommunication review+Telecommunication news Tele-Radio-Electronics, Information Technology, 2014, No1, Poland, Wroclaw, pp.10-12, ISSN 1230-3496
39. Алексиева В., Моделирането на роли при смесено обучение по компютърни мрежи на чуждестранни студенти, Сборник доклади V-та НКЕО'14, Русе, 16-17.05.2014, стр.330-335, ISBN-978-954-712-611-4
40. Aleksieva V., An Approach of QoS by Admission Control of VoIP over WLANs, Proceeding of papers ICEST2014, Serbia, Nish, June 25-27, 2014, vol. 1, pp.31-34, ISBN: 978-86-6125-108-5
41. Алексиева В., Усъвършенстван метод за възстановяване на път в MPLS мрежи. //Автоматика и информатика, 2014, бр.1, с.50-56, ISSN 0861-7562
42. Алексиева В., Един подход за оптимизиране на производителността в хетерогенни безжични мрежи. //Компютърни науки и технологии, ТУ-Варна, 2014, бр.1, с. 13-18, ISSN 1312-3335
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45. Алексиева В., Тенденции на развитие на WiMAX и LTE мрежи, UNITECH'14-INTERNATIONAL SCIENTIFIC CONFERENCE, 21 – 22 November 2014, GABROVO –vol. II, стр.201-206, ISSN 1313-230X
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48. M.Sc. Eng Monika Andrych-Zalewska, D.Sc. PhD., Prof. Lech J. Sitnik, PhD. Eng Wojciech Walkowiak,

- PhD. Eng Veneta Aleksieva, Testing the efficiency of internal combustion catalysts position model. *trans & MOTAUTO '15, Proceedings vol.1*, pp.23-25, Scientific-technical union of mechanical engineering, year XXIII, issue 12 (175) June 2015, ISSN: 1310 – 3946
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Presentations

Projects

- Participation in 21 scientific and technical projects
- Participation in the design of electrical networks and Fire Alarm systems in more than 70 projects of buildings
- Assessment of projects in EC as expert in 23 evaluations/monitoring of projects

Conferences

Participation in more than 50 conferences since 2007
In Organization Committee in 5 CSE conferences -2013-2018
In Program Committee in Conference BCI'19
Reviewer in more than 10 international conferences since 2012
Reviewer in Computer science Wroclaw School of Applied Informatics Scientific Bulletin since 2014

Seminars

Honours and awards

- 2003- Crystal prize and diploma "Best Instructor" among instructors at Cisco academies in Bulgaria.
- 20.02.2009. Diploma in the category "Instructor with the most trained students" among instructors at Cisco academies in Bulgaria
- 29.10.2011. Crystal prize and diploma "The Best Paper" by Scientific Conference OC & SU'11 to report: Aleksieva V. Analysis of the problems of the implementation of IPv6 in MPLS environment, Proceedings of Scientific papers of the University of Ruse - 2011, Volume 50, series 3.2 Ruse 28-29.10.2011, ISSN 1311-3321, pp.17-22
- 2013. - Diploma "Instructor Years of Service" - 10 years of active work as an instructor in the Cisco Networking Academy® program of Senior Director Cisco Networking Academy
- 2013. -Diploma "Advanced Level instructor excellence" - in the Cisco Networking Academy® program of Senior Director Cisco Networking Academy. Awarded were 10% of instructors Cisco academies in the world.
- 10.10.2015. Crystal prize and diploma "The Best Paper" by Scientific Conference OC & SU'15 to report: Aleksieva V. Control mechanism for receipt of requests to the scheduler for resource allocation in LTE network, Proceedings of Scientific papers University of Rousse - 2015 Ruse, 9-10.10.2015,
- 28-29.10.2016, Crystal prize and diploma "The Best Paper" of the 55th Science Conference of Ruse University, Ruse report: H. Mitev, S. Valchanova, V. Aleksieva Custom monitoring and management of virtual infrastructures based Zabbix., Best Paper, 55th Science Conference of Ruse University, Ruse, 28-29.10.2016, University of Ruse Publishing Center ISSN 1311-3321
- 2021r. – Expert Level Instructor – Instructor Excellence Award – or Vice President and General Manager, Cisco Networking Academy
- 2023r. – Instructor Years of Service – 20 Years Cisco Networking Academy

Memberships

- Member of the Union of Automatics and Informatics from 2011 till present
- Member of the Chamber of Engineers in Investment Design from 2009 till present
- Member of the ACM 2010
- Member of the IEEE 2011

Certifications

Certificate of participation in an intensive training program for PhD students and young scientists on the project BG051PO 001-3.3.04 / 13

ANNEXES