

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)	<b>Pavel Petrov, Assoc. Prof., PhD</b>	
Address(es)	BULGARIA, 9002 Varna, 77 Kniaz Boris I, Blvd.; room 443	
Telephone(s)	++359 88 2164704	Mobile: ++359 88 2164704
E-mail	petrov@ue-varna.bg	
Nationality	Bulgarian	
Date of birth	08 July 1970	
Marital status	Married, 2 children	
Gender	Male	

### Work experience

Dates	2011 - onwards	
Occupation or position held	Associate Professor	
Name and address of employer	Department of Informatics, Faculty of Informatics, University of Economics - Varna	
Dates	2003 - 2011	
Occupation or position held	Chief Assistant Professor	
Name and address of employer	Department of Informatics, Faculty of Informatics, University of Economics - Varna	
Dates	2001 - 2003	
Occupation or position held	Assistant Professor	
Name and address of employer	Department of Informatics, Faculty of Informatics, University of Economics - Varna	
Dates	1998 - 2001	
Occupation or position held	Editor in Chief	
Name and address of employer	newspaper "Internet World" - Bulgaria	
Dates	1997 - 1998	
Occupation or position held	Digital Prepress Specialist, Software Developer	
Name and address of employer	newspaper "Pozvanete"	
Dates	1990 - 1994	
Occupation or position held	self-established business	
Name and address of employer		
Dates	1988 - 1990	
Occupation or position held	regular military duty, AF	
Name and address of employer	Ministry of Defense	

## Education and training

Dates	X.2005 - I.2006
Title of qualification awarded	Advanced training
Principal subjects/occupational skills covered	Computer Science
Name and type of organisation providing education and training	Saint Petersburg Electro-Technical University "LETI", Faculty of Computing Technologies and Informatics, Russia
Dates	1999 - 2002
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Thesis Title: "Complex Information Systems for Management of Manufacturing Enterprises", defended 2003.
Name and type of organisation providing education and training	University of Economics - Varna
Dates	1996 - 1997
Title of qualification awarded	Master of Science in Informatics
Principal subjects/occupational skills covered	Information Systems
Name and type of organisation providing education and training	University of Economics - Varna
Dates	1992 - 1996
Title of qualification awarded	Bachelor of Science in Economic Informatics
Principal subjects/occupational skills covered	Informatics
Name and type of organisation providing education and training	University of Economics - Varna
Dates	1990 - 1992
Principal subjects/occupational skills covered	Computer Science
Name and type of organisation providing education and training	Technical University - Varna
Dates	1984 - 1988
Name and type of organisation providing education and training	Mathematical High School "Dr. Petar Beron", Varna

## Personal skills and competences

Mother tongue(s) **Bulgarian**

Other language(s)

Self-assessment

*European level (\*)*

**English**

**Russian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C2	Proficient user	B1	Independent user	B1	Independent user	B2	Independent user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user

(\*) *Common European Framework of Reference for Languages*

Organisational skills and competences

Member of the Programming Contests organizing Committee and the Committee for the Review of Student Creativity in Informatics at University of Economics - Varna

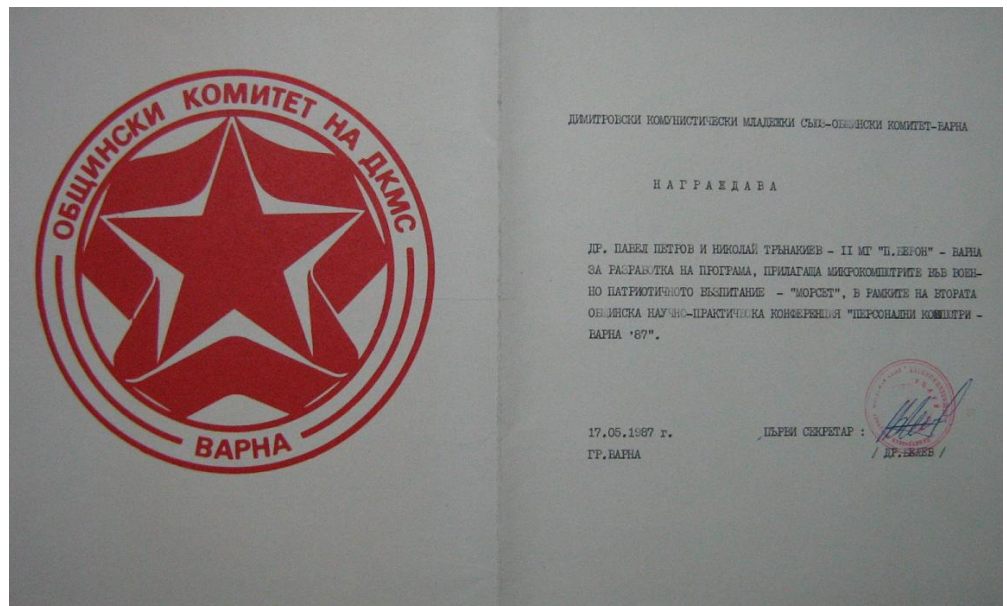
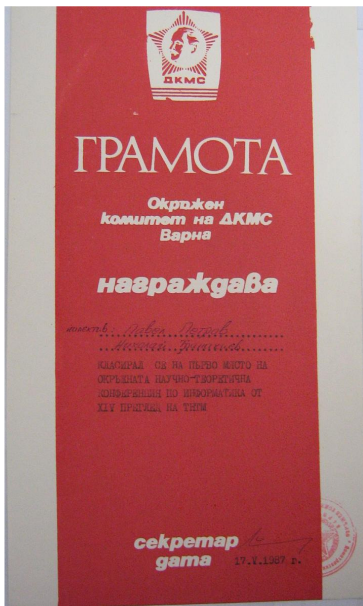
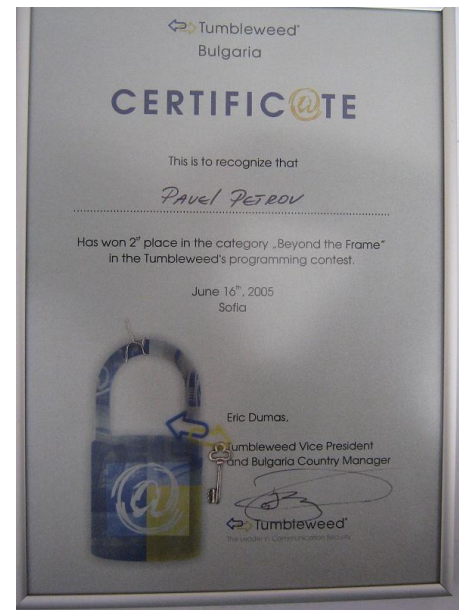
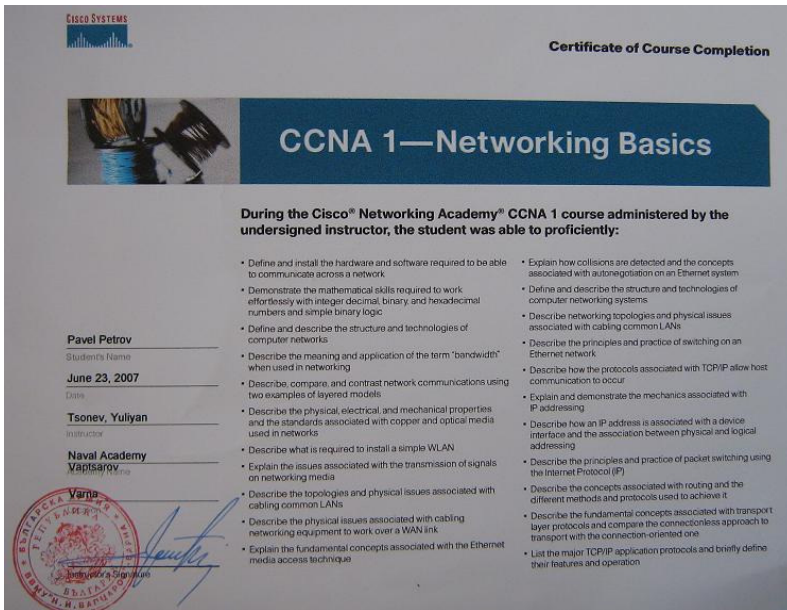
Member of the Faculty Board of Faculty of Informatics

Technical skills and competences	<p>Networking Basics, 2007, Cisco Networking Academy CCNA1, certificate</p> <p>Technician of electrical installations and networks, level IV, 1987 - 1988, Technical Construction School "Vassil Levski", Varna, certificate 8/01.07.88</p> <p>Radio operator, 1986-1987, OSO-Varna, certificate 92/15.06.87</p>
Computer skills and competences	<p><i>Computer systems:</i> Apple 2e and MAC, IF800 model 20, IBM PC 8086/386/486/586/686, VAX</p> <p><i>Programming languages:</i> Assembler, Basic, C / C + +, Fortran, Delphi, Java, Java Script, Pascal, Perl, PHP, VBA, Visual C + +</p> <p><i>Operating systems:</i> MS-DOS, Windows 3.1/95/98/Me/NT/2000/XP/2003/Vista, Linux / UNIX, VAX / VMS</p> <p><i>Office products:</i> MS Office - Word, Excel, PowerPoint, Outlook, FrontPage; SUN Star Office / Open Office</p> <p><i>Databases:</i> Access, dBase, Fox Pro, Paradox, MySQL, PostgreSQL, MS SQL, Oracle, SQLite</p> <p><i>Libraries and standards:</i> MFC, CGI, CPAN, STL, XML, HTML</p> <p><i>Other:</i> PageMaker, InDesign, Photoshop, Dreamweaver, Corel Pack., Apache, LAN</p>
Driving licence	B and C categories of vehicle, clean from 1988
<b>Publications</b>	
Textbooks and educational materials	<ol style="list-style-type: none"> <li>1. Iliev P., Petrov P., Salov V. Programming Languages, textbook, Science and Economics, 2006, pp.36-92, pp.177-183.</li> <li>2. Petrov P. Server Side Programming, textbook, Science and Economics, 2008, 220 p.</li> <li>3. Salov V., Petrov P. and others. XXI-st Republican Student Programming Olympiad. Collection of tasks and results. Varna: Science and Economics, 2009</li> <li>4. Petrov P. Object-oriented programming, Laboratory exercises. Ed. "Science and Economics" University of Economics - Varna, 2011.</li> <li>5. Drazhev S., Petrov P., Stoev S., Nacheva R. Social network for sharing knowledge and experience among teachers and students from the University of Economics in Varna. Manual [for creating digital learning content and work in a social environment Internet] Varna, 2012, p.196</li> <li>6. Varbanov R. Drazhev S., Petrov P., Natcheva R. Web technologies. Ed. "Science and Economics" University of Economics - Varna, 2014, 248 p.</li> </ol>
Studies and monographs	<ol style="list-style-type: none"> <li>7. <i>Petrov P. Complex Information Systems for Management of Manufacturing Enterprises, dissertation, V., 2002</i></li> <li>8. Petrov P. Theoretical foundation for building complex information systems in the manufacturing industry, "Annuals", V., University of Economics - Varna, vol.76, 2004, pp.362-401.</li> <li>9. Petrov P. Web-based management systems, Information Technology, V., 4/2008, pp.31-54.</li> <li>10. Varbanov, R., Petrov P. and others. Information technology in business, IK FABER, Veliko Tarnovo, 2009. (Chapter 8 pp.169-190; Chapter 12, pp.252-272).</li> <li>11. Iliev, P. Salov, V., Petrov P. Virtual Systems, Ed. "Science and Economics," 2010 (2.3, pp.47-56; 3.2, pp.62-74; 4.3.4 pp.99-108).</li> <li>12. Petrov P., Current approaches to real-time using web technology. Economics and Computer Science, el.spisanie, issue 1/2015, ed. "Knowledge and Business", Varna, &lt;<a href="http://eknigibg.net/spisanie.pdf">http://eknigibg.net/spisanie.pdf</a>&gt;, pp.31-71.</li> </ol>
Articles	<ol style="list-style-type: none"> <li>13. Petrov P. The problem 2000, Information Technology, V., 1/1999, pp.78-97.</li> <li>14. <i>Petrov P. Issues of building automated information systems in large industrial enterprises, Izvestia, V., No.1, 2002, s.71-81.</i></li> <li>15. <i>Petrov P. Complex information systems to manage the manufacturing industry, Information technology, v., 3/2002, pp.73-79.</i></li> <li>16. Petrov P. Opportunities for improving algorithmic thinking, Izvestia, V., 3/2007, pp.84-94.</li> <li>17. Petrov P. "Method for long-term storage of accounting data on magnetic media type floppy disks and magnetic tapes according to the Accounting Act." Economic Alternatives, UNWE, 2009, №6, pp.54-66.</li> <li>18. Petrov P. "Evaluation of tourist websites." Izvestia of the University of Economics - Varna, 2009, №4, pp.80-85.</li> <li>19. Petrov P. "Long-term storage of accounting data on optical media." Business management, SA-Svishtov, 2010, №1, pp.137-150.</li> </ol>

Papers

20. Petrov P. Some possibilities for using NoSQL systems to increase the performance of information systems. *Izvestia, Journal of the Union of Scientists - Varna, Economic Sciences Series*, 2013, pp.34-40.
21. Petrov P., S. Dobрева, G. Dimitrov Full Text Search in Electronic Information Fund of Academic Libraries. *Izvestia, Journal of the Union of Scientists - Varna, Economic Sciences Series*, 2014, pp.106-114.
22. Petrov P., Methodological problems in the creation of web applications running in real time. *Izvestia, Journal of the Union of Scientists - Varna, Economic Sciences Series*, 2015, pp.97-104.
23. Petrov P., Petrova S. Opportunities for Using the Protocol HTTP/2 to Reduce Lag When Loading Web Applications. *Izvestia, Journal of the Union of Scientists - Varna, Economic Sciences Series*, 2016, pp.155-165.
24. *Petrov P. Complex IT productions system, Forum Proceedings "Recent economic and financial problems of the economy", University of Economics - Varna, June 5, 1998, pp.92-98.*
25. *Petrov P. Complex IT manufacturing system in the Internet environment. Forum Proceedings Internet - environment for new technologies, VTU - Veliko Tarnovo, 14-17 October 1998, vol. I, pp.112-120.*
26. *Petrov P. Implementation of Data Warehouse in complex IT productions systems, Forum Proceedings "Science in support of business and society", University of Economics - Varna, May 19, 2000, pp.82-87.*
27. *Petrov P. Implementation of Data Warehouse in complex IT productions systems Forum Proceedings anniversary of international conference "The economy and the development of society", University of Economics - Varna, 7-9 June 2000, vol.III, pp.479-484.*
28. *Petrov P. Some possibilities of the Complex information-manufacturing systems to improve economic development, International Scientific Conference, University "St. Climent Ohridski" - Bitola, Faculty of Economics - Prilep, Macedonia, 6-7.12.2000, pp.1179-1185.*
29. Petrov P. Development of automated information systems of enterprises, *Forum Proceedings Competition and competitiveness in a globalize world* , University of Economics - Varna, June 1, 2001, pp.111-116.
30. Petrov P. Modern alternative means of scientific communication, *Contemporary problems of economic science and business practice in Bulgaria (round table), mag. Economic Thought, S.,5/2001, pp.50-51.*
31. Petrov P. Organization of security and safety of the information system of production enterprises to connect to the Internet, *Collected Papers "35 - years Business Informatics in Bulgaria, UNWE - Sofia, 8-10 November 2002, pp.188-196 (ISBN 954-90277-5 -9).*
32. Petrov P. Building a simple distributed Web applications, *Virtual Conference organization of business, University of Economics - Varna, V., 21-23 October 2004.*
33. Petrov P. The decline in network traffic when designing web applications, *Computer Technologies, production, social and economic processes, South-Russian State Technical University, Novocherkask, Russia, 2005, pp.38-43 (ISBN 5-88998-631-7)*
34. Petrov P. Optimization of web-based applications to reduce network traffic, *Intelligent technology in education, economics and management, Voronezh Institute of Economics and Social Administration, Voronezh, Russia, 2005, pp.279-282 (ISBN 5-87456-478-0)*
35. Petrov P. Network traffic reduction for web-based applications, *Information and computer technologies and their applications, Interdisciplinary Science and Information Center, Penza, Russia, 2005, pp.163-166 (ISBN 5-94338-181-3)*
36. Petrov P. Algorithmics thinking development in programming disciplines, *Forum Proceedings Business Computer Science, UNWE - Sofia, October 11, 2007, pp.259-269.*
37. Petrov P. Management of information security, *Mathematics and Computer Science - Realities and prospects, SMB / VFU Chernorizets Hrabar", 2007, pp.84-88.*
38. Petrov P. Information safety of local computer networks connected to the Internet, *Conference "Bulgarian identity in the EU, USB-Varna, October 26, 2007.*
39. Drazhev S., Parusheva S., Petrov P. Strategy for protection of web-based banking systems, *IH: Coll. "Collection of scientific works," Volume 2, "Bishop. Preslavski", 2009, pp.29-35.*
40. Petrov P. Server software serving websites of Bulgarian banks, *C: Coll. "Applied Informatics and Statistics", UNWE, 2010, pp.60-63.*
41. Petrov P. Evaluation of tourist websites. In: *"Information Technology in Business Management", University of Economics - Varna, 2010, pp.125-130.*
42. Petrov P. Applied problems in the implementation of business intelligence at university legacy systems. *Svishtov: Coll. "Systems management business in small and medium-sized enterprises" are "DATsenov" - Svishtov, 2010, pp.193-197.*
43. Petrov P., *Trends In The Use Of Web Server Software In Bulgarian Banks, International Conference On Application Of Information And Communication Technology And Statistics In*

	<p>Economy And Education (ICAICTSEE-2012) Conference Proceedings, UNWE, 2013, pp.359-364.</p> <p>44. Petrov P. Use of Web server software in Bulgarian and Romanian banks Coll. "Modern methods and technologies in research," University of Economics - Varna, 2013, pp.146-152.</p> <p>45. Petrov P. "Evolution of approaches to building Web applications in real time," ICT in business and education: Proceedings of the intl. Conference dedicated to the '45 since the creation of the cat. "Informatics" at the University of Economics - Varna - Varna: Univ. ed. Science and Economics, 2014, pp.372-378.</p> <p>46. Petrov P. Opportunities to create applications using WebSocket, conf. Ruse University, Science University of Rousse - 2014, tom.53 series 6.1 pp.61-65.</p> <p>47. Petrov P. Processing data in JSON format in JavaScript - Applied approaches to real-time, Coll. reports "Economy in a Changing World: national, regional and global dimensions", item 3, University of Economics - Varna, 2015, pp.155-161.</p>
<p>Scientific and popular articles</p>	<p>48. Petrov P. Are you bought candles for the winter already? (If you have not, consider UPS), "Pozvanete" newspaper, 192/20. IX.1996, pp.13</p> <p>49. Petrov P. Computer viruses and protection, "Pozvanete", 197 / 7. X.1996, pp.13, 16</p> <p>50. Petrov P. Who is the best computer? "Pozvanete", 182/16. IX.1996, pp.13</p> <p>51. Petrov P. Multimedia era. "Pozvanete", 202/14. X.1996, pp.13, 16</p> <p>52. Petrov P. Multimedia era. The future of communications. "Pozvanete", 232/25. XI.1996, pp.13</p> <p>53. Petrov P. How to do business via the Web, "Internet World" newspaper, No.1, 1998.</p> <p>54. Petrov P. From ancient times ... to the Internet, "Internet World", 1/ 1998.</p> <p>55. Petrov P. Data transmission Services, "Internet World", 3/1998.</p> <p>56. Petrov P., Dobрева S. How to find information in the Internet? "Internet World", 3/1998.</p> <p>57. Petrov P. The information revolution, "Internet World", 4/1998.</p> <p>58. Petrov P. IPv6 - the protocol of the future, "Internet World", 5/1998.</p> <p>59. Petrov P. From piracy of compact disks to piracy on the Web, "Internet World", 7/1998.</p> <p>60. Petrov P. "Alta Vista" or "Look at high", "Internet World", 8/1998.</p> <p>61. Petrov P. ICQ. Recipe for wealth work again!??, "Internet World", 9/1998.</p> <p>62. Petrov P. Problems of security on the Internet, "Internet World", 12/1998.</p> <p>63. Petrov P. BTC. Again being tested patience of the people, "Internet World", 2/1999.</p> <p>64. Petrov P. Microsoft on 25 years, "Internet World", 16/2000.</p>
<p>Teaching experience</p>	<p>1998 - 2001 part time assistant professor at the Medical University - Varna - discipline "Informatics"</p> <p>2003 - 2004 part time assistant professor at the Varna Free University in discipline "Systems programming languages"</p> <p>2003 - 2004 part time professor at the Commercial School of Varna discipline "Business Informatics"</p> <p>1998 - onwards part time and regular assistant &amp; associate professor at the University of Economics - Varna in disciplines: Informatics, Management Information Systems, Programming Languages, International Information Systems in Tourism, Marketing Information Systems, Server Side Programming.</p>
<p>Membership in scientific organizations</p>	<p>Federation of scientific and technical unions - territorial association Varna</p> <p>Union of mathematicians in Bulgaria - a branch Varna</p>
<p>Research interests</p>	<p>Web-based information systems, systems to automate the management of manufacturing industry, Internet technologies in all spheres of human life, algorithms, programming languages.</p>
<p>Awards and deeds</p>	<p>V.1987, District scientific and theoretical conference on science from District XIV review of TNTM - First, diploma from OK of DKMS.</p> <p>V.1987, The second municipal scientific and practical conference "Personal computers - Varna'87" - a special award, honorary diploma.</p> <p>VI.1987, the XIV National Review TNTM, Gabrovo, photo 2 - plant cover of the magazine "Young Constructor", 8/1987</p> <p>VI.2005, Thumbleweed's Programming Contest - Second Place, Diploma</p>
<p>Attachments</p>	



Last update: January 2017