

# Curriculum Vitae

## Personal Information



Name: <b>Hakimjon</b>	Surname: <b>Zaynidinov</b>
Nationality: <b>Uzbek</b>	Passport No.: <b>CL 2239352</b>
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## Education History

University	Period	Major	Degree	Graduation Year	Thesis
Tashkent University of Information Technologies (Uzbekistan)	12.2001 to 12.2004	“Computer’s system of signal processing”	<b>Doctor (Ph.Sci.)</b>	10.2005	«Methods of modeling of high-efficiency computing structures of processing multidimensional signals in piecewise-polynomial bases»
St. Petersburg State electro technical university (Russia)	11.1990 to 11.1993	“Accountant technique”	<b>Ph.D.</b>	12.1993	“Development of algorithms and processor means of fast transformations in piecewise-parabolic bases”

## Professional Experience (Job Career)

<b>Total years of experience</b>		<b>About 36 years</b>	
Organization	Period	Position	Describe your responsibilities including role in detail
Tashkent University of Information Technologies	05.2012 to 2015	Professor , Head of department	To supervise over department, to organize and control educational process, to define directions of development scientific, educational and methodical works
Academy of public administration at the President of the Republic of Uzbekistan	05.2012 to 2015	Professor , Head of department	To supervise over department, to organize and control educational process, to define directions of development scientific, educational and methodical works
Tashkent University of Information Technologies	08.2009 to 05.2012	Professor , Head of department	To supervise over department, to organize and control educational process, to define directions of development scientific, educational and methodical works

Dongseo University, Korea	08.2007 to 08.2009	Professor	Lecturing in subjects «Programming on C ++», «Signals and systems». Supervise thesis of Graduate school students.
Tashkent University of Information Technologies	01.2005 to 08.2007	Professor	To supervise over department, to organize and control educational process, to define directions of development scientific, educational and methodical works
Tashkent State Technical University.	11.2001 to 12.2004	Professor	Lecturing in subjects «Programming on C ++», IT technologies, MATLAB. Supervise thesis of students.
Andijan Engineer-Economic Institute.	08.1996 to 10.2001	Professor	Lecturing in subject IT technologies, MATLAB
Tashkent State Technical University	12.1993 to 08.1996	Docent (Associate Prof.)	Lecturing in subjects «Programming on C ++», Computer's graphics, IT technologies, DSP Supervise thesis of students.
St. Petersburg State Electro Technical University (Russia)	11.1990 to 11.1993	PhD course student (aspirant)	Scientific researches in the field of digital signal processing by special systems of basic functions
Tashkent Polytechnic University	01.1984 to 11.1990	Assistant Prof.	Teaching of laboratory researches for students

### Research & Development Project

Organization (Univ. or Company)	Period	Subject / Title	Describe your responsibilities including role in detail
Academy of public administration at the President of the Republic of Uzbekistan	01.2012 to 12.2014	Improvement of public administration with application of system of E-government	<i>Project Leader:</i> A scientific project management. Statement of a problem to executors to carry on negotiations with the customer
Tashkent University of Information Technologies	01.2012 to 12.2016	Theoretical and methodical bases of creation of specialized processors	<i>Project Leader:</i> A scientific project management. Statement of a problem to executors to carry on negotiations with the customer
Tashkent University of Information Technologies	01.2012 to 12.2014	Development of algorithms and modeling biomedical signal processing	<i>Project Leader:</i> A scientific project management. Statement of a problem to executors to carry on negotiations with the customer.
Dongseo university, Korea	08.2007 to 08.2011	Spline-approximation of smooth surfaces	Development program design for approximation of smooth surfaces of objects by cubic splines
Tashkent University of Information Technologies	03.2005 to 12.2011	Development of algorithms of fast transformations in piecewise-polynomial Haar bases	<i>Project Leader:</i> A scientific project management. Statement of a problem to executors to carry on negotiations with the customer.
Tashkent University of Information Technologies	05.2005 to 06.2007	Spline-methods of restoration of signals	<i>Project Leader:</i> A scientific project management. Statement of a problem to executors to carry on negotiations with the customer.
Tashkent State Technical University	04.2002 to 12.2004	System engineering of processing of testing dielectrics	<i>Project Leader:</i> A scientific project management. Statement of a problem to executors to carry on negotiations with the customer.
St. Petersburg State Electro Technical university (Russia)	12.1990 to 09.1993	Development of specialized processor	<i>Project Assistant:</i> Algorithm and program working out, Debugging and Testing

### Winning Awards / Grants / Prizes / Scholarships

Month and Year of Winning	Place / Detail	Title
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09.2006.	Tashkent	The winner of Grant of “Assistance to vocational training development in sphere of information-communication technologies”
10.1994	Tashkent	The winner of the award of Republic Uzbekistan after M. Ulugbek in the field of computer technologies for work “Development of algorithms and specialized processors on the basis of piecewise -basic methods”

<b>(Most Relevant) Recent Publications</b>	
<b>Title</b>	<b>Journal / Proceedings</b>
Parallelizing of Evaluations at Restoring Signals by Systems of Cubic Splines.	IEEE- International Conference on Information Technology Promotion in Asia 2007 (ITPA 2007), p. 190-194.
Round-off Errors at a Parallelizing of Evaluations by Systems of Basic Splines.	IEEE- International Conference on Mobile Computing, Communications and Applications (ICMOCCA2007). p.95-98.
Application of Spectral Properties of Basic Splines in Problems of Processing of Multivariate Signals.	International Journal of Contents, South Korea, vol.3, № 4., p. 26-29, 2007.
Method of Computing Spectral Factors in Piecewise-Quadratic Bases and its Application in Problems of Digital Signal Processing.	IEEE- International Conference on Systems, Signals and Image Processing, IWSSIP 2008, Bratislava, Slovakia, 25 –28 June, 2008, p. 401-404.
Development and Animation of Functioning of High-Efficiency Computing Structure for Restoration of Signals.	International Conference on Multimedia, Information technologies and its Applications (MITA 2008), Chiang Mai, Thailand, July 2 -3, p. 420-423.
Specialized Processor and Algorithm for Signal Processing in Piecewise-polynomial Bases.	The 5th International Conference on Intelligent Manufacturing & Logistics Systems (IML 2009), Kitakyushu, Japan, February 16 -18, 2009,p 47-51. <a href="http://www.f.waseda.jp/gen/conference/iml09/program.html">http://www.f.waseda.jp/gen/conference/iml09/program.html</a>
Development and Modelling of High-Efficiency Computing Structure for Digital Signal Processing.	IEEE-International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2009), Aligarh, India, March 14-16 <a href="http://www.impact2009.com/">http://www.impact2009.com/</a>
Digital Signal Processing With Application of Basic Splines	International Journal of Convergence Information Technologies, South Korea, vol.3, № 4., March, 2009, p. 26-29. <a href="http://nms.dongguk.ac.co.kr/jcit">http://nms.dongguk.ac.co.kr/jcit</a>
Piecewise-polynomial Bases and Specialized Processor for Digital Signal Processing.	2009 IEEE Symposium on Industrial Electronics and Applications (ISIEA 2009), October 4-6, 2009, Kuala Lumpur, Malaysia, p. 509-603.
Piecewise-quadratic Hermite basis function and their application to problems in digital signal processing.	International Journal of Communication Systems, John Wiley & Sons, Ltd., DOI: 10.1002/dac.1093, Jan.2010. London, SCI-E. <a href="http://www.interscience.wiley.com">www.interscience.wiley.com</a> .
Piecewise-Polynomial Bases For Digital Signal Processing.	International Journal of Ubiquitous Computing and Internationalization, South Korea, Vol. 3., № 1, April 2011, P. 59-65.

<b>Patents</b>		
<b>Subject</b>	<b>Applied No./Date</b>	<b>Registered No./Date</b>
The program of modelling of computing structures on the basis of basic splines	DGU 20080139 /2008.11. Aug.	DGU 01606 /2008. 16 Oct.
The program for modelling of two-dimensional signals by bicubic basic splines	DGU 20080140/2008.11. Aug.	DGU 01607 /2008. 16 Oct.
The program for restoration of multidimensional signals by methods of spline-functions	DGU 20070015 /2007.06. Feb	DGU 0101319 /2007. 05. Jul.

The program of smoothing of experimental data on digital signal processors ADSP-BF 533 methods of spline-functions	DGU 20070016 /2007.06. Feb	DGU 0101320 /2007. 05. Jul	
The program for signal processing by piecewise -basic methods of Haar	DGU 20060122 /2006.26 Dec.	DGU 01261 /2007. 20. apr.	
<b>Statement of teaching</b>			
<ul style="list-style-type: none"> <li>IT technologies;</li> <li>Programming on C ++;</li> <li>E-government ;</li> </ul>	<ul style="list-style-type: none"> <li>Signals and systems;</li> <li>Computer's graphics;</li> <li>WEB-technologies;</li> </ul>	<ul style="list-style-type: none"> <li>Modeling MATLAB &amp; Simulink;</li> <li>Digital signal processing (DSP);</li> <li>Specialized processors.</li> </ul>	
<b>Areas of Interest</b>			
<ul style="list-style-type: none"> <li>Algorithms of fast spectral transformation;</li> <li>Signal processing in piecewise-polynomial Haar and Harmut's bases ;</li> </ul>	<ul style="list-style-type: none"> <li>Spline-Methods of processing and restoration;</li> <li>Specialized processors on the basis of splines;</li> </ul>	<ul style="list-style-type: none"> <li>Programming;</li> <li>High-Efficiency Computing Structure for restoration of signals.</li> </ul>	
<b>Professional Activities</b>			
<ul style="list-style-type: none"> <li>Program Committee Member, ICMOCCA 2007</li> <li>Member of International Russian Academy of Sciences of Higher School</li> <li>Editor of JCIT in Korea</li> </ul>	<ul style="list-style-type: none"> <li>Program Co-chair, ITPA 2011</li> <li>Program Committee Member, HTFI 2011</li> <li>Member of Fund Lomonosov</li> <li>Panels Co-Chair, DSPA-2010</li> </ul>	<ul style="list-style-type: none"> <li>Scientific secretary of doctor's defense</li> <li>Panel Chair, WCIS 2009</li> <li>Senior Member of the IEEE Computer Society (Russia)</li> </ul>	
<b>Ph.D. Supervised</b>			
<ul style="list-style-type: none"> <li>Completed : 03</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing : 04</li> </ul>		
<b>References</b>			
1.	<b>Professor Young-Wook Cha</b>	Dept. Computer Engineering Electronic & Information Industrial Engineering College of Engineering Andong National University, 388 Song-cheon Dong. Andong Kyungshangbuk-do, South Korea 760-749.	Telephone : +82-54-820-5714 Mobile phone : +82-19-456-3237 <b>E.Mail:</b> <a href="mailto:ywcha@andong.ac.kr">ywcha@andong.ac.kr</a>
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4.	<b>Professor Bobojanov Makhsud</b>	Dept. Computer & Power Engineering Tashkent State Technical University, Buyuk Ipak Yoli str.103/64, 100077, Tashkent, Uzbekistan	Telephone + 998-71-267-56-82 Mobile + 998-71-358-63-40 <b>E.mail:</b> <a href="mailto:mbobojanov@yahoo.com">mbobojanov@yahoo.com</a>

I hereby certify that all the information provided above is true to the best of my knowledge.

