

# Resume

## Alexander Poroshin

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### Personal info

Name Alexander Poroshin  
Address 158 Nevsky prospect, apt. 32, Saint-Petersburg,  
191024, Russia  
Phone Number home: +7 (812) 764-42-25  
mobile:+7 (931) 232-09-87  
Marital status married  
Date of birth 27<sup>th</sup> December 1954  
Nationality Russian  
Email anpspb@gmail.com; pan@ya.ru



### Objective

I'm looking for a job in a company where I can use my good background in mathematics and software development, as well as the ability to write clear texts with good scientific style; e.g., in the area of software development.

### Education

1972–1979; Department of Precision Mechanics and Computer Facilities, Leningrad Institute of Precision Mechanics and Optics (now Saint-Petersburg National Research University of Information Technologies, Mechanics and Optics – ITMO), Leningrad, MS in system engineering.  
1970–1972 Mathematical school №30 with in-depth training in mathematics and physics, Leningrad.

### Qualifications (since 2000)

September 2011 – May 2012	Additional professional educational program «Advanced English», SPb University, Department of advanced training in foreign languages
February 2008	Additional professional education program «Using MS Office-2007 applications»
January 2005	Additional professional education program «Using the Linux OS», Moscow State Pedagogical Institute.
October 2001	Additional professional educational program «ASP-technologies in development of information resources of the Internet», Internet center of the Open Society Institute, SPb

### Work experience

Photomechanics Ltd., Oct. 2016 - Sept. 2017, Saint-Petersburg, Technical writer	<ul style="list-style-type: none"><li>• Preparation of reports, operating manuals, tutorials for working with CNC machines (8 books, 320 pages)</li><li>• Editing of corporate site content (CMS Joomla, HTML5, CSS, JS)</li><li>• Development of software 2D- and 3D-models in CAD/CAM applications and its implementation in CNC for tutorials (Autodesk ArtCAM, Ultimaker Cura, Ascon Kompas, freeware Inkscape, Agisoft Photoscan)</li></ul>
St. Petersburg State University of Service and Economics, 2013	<ul style="list-style-type: none"><li>• Hypertext educational resource for distance learning innovative project «Olympic heritage» (Sochi-2014) in CD ROM (HTML5, CSS, JS)</li></ul>

<p>North-West Academy of Public Administration, 2008-2013</p>	<ul style="list-style-type: none"> <li>• Internet resources for distance learning (CMS Moodle, HTML5, CSS, JS, 2011-2013)</li> <li>• Decision-making support systems in the field of state procurement (3 modules, VBA MS Excel, 2011)</li> <li>• Knowledge testing system TONI (test generation, control and analytical modules, VBA MS Excel, 5800..7000 students' tests processed annually, 2008-2011)</li> <li>• Program for checking grammar and format errors in Word documents (Visual Basic, MS Office, 2008-2011)</li> </ul>
<p>JSC «Scientific Research Institute of Precision Mechanics»</p>	<ul style="list-style-type: none"> <li>• Implementation of the V42 protocol for data transmission over a four-wire asynchronous leased line (80C51 assembler, order of the Ministry of Defense, cross-system and hardware chip, programming, testing, 2006),</li> <li>• Converter program of 80C51 source assembler code to C (Python, Windows, programming, testing, 2005)</li> </ul>
<p>Saint-Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO),</p>	<ul style="list-style-type: none"> <li>• Computer module for non-standard gear rims modeling (MathCAD, Windows), 2000</li> <li>• Control program for drop-jet printing for confectionery production (OOP in Pascal, Windows, programming, testing, writing documentation, 1992)</li> <li>• Control program for electronic equipment of the microhardness test bench (Assembler, Windows, programming, testing, writing documentation, 1991)</li> <li>• Research prototype of the expert system of production type (Forth, CP/M, 1985)</li> </ul>

### Scientific interests

Programming languages, computer modeling, expert systems and DSS, hypertext technologies, distance learning.

### Conferences and membership

- In 1981–2016 participation in scientific conferences in the USSR and Russia.
- Since 2010 – moderator on the site for distance learning professionals eLearningPRO.ru
- In 1993 served as Deputy Chairman of the Organizing Committee of the International Conference GraphCon-93 (under the auspices of ACM SIGGraph).
- In 1991-1995 was a voting member of the Association for Computing Machinery (ACM), a member of the Leningrad Chapter of the SIGFORTH special interest group.

### Special skills

- Literate speech (oral and written), good style (Native Russian)
- English (Intermediate level)
- Driving License (Category B)
- Hobbies: art photography, classical music, hiking
- Absence of bad habits, healthy lifestyle.

### Personal qualities

- Ability to learn fast, analytical skills, systematic approach, non-standard and creative ways to problems solving.
- Sociability, loyalty, modesty, kindness, demanding for himself.