

**Programmer (software engineer) resume  
Arthur Golubev (Arthurgolubev1985)**



This resume last update day: 2024-10-11 (39 years old)

Birthday: 1985-03-16

Personal html Internetsite use addresses:

<https://www.arthurgolubev.site>

<https://ArthurGolubev.22web.org>

<http://ArthurGolubev.22web.org>

E-mail addresses:

(for in English e-mails):

[mail@ArthurGolubev.com](mailto:mail@ArthurGolubev.com);

[Arthur.Golubev@live.com](mailto:Arthur.Golubev@live.com);

[Arthur.Golubev@mail.ru](mailto:Arthur.Golubev@mail.ru);

(for in Russian e-mails):

[Artur.Golubev@mail.ru](mailto:Artur.Golubev@mail.ru);

[Arthur.Golubev@yandex.ru](mailto:Arthur.Golubev@yandex.ru);

Messengers:

Telegram: +7(921)753-56-45;

Skype: Arthur.Golubev@live.com;

Mobile phones:

(starting with SMS expected) +7(921)753-56-45;

(starting with SMS expected) +7(953)17-28-666;

(starting with SMS expected) +7(966)922-17-53.

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# 1. Related to programming (software engineering) works

*(The listed related works are: 1 Programs (Software) Engineering, 2 Educating programming.)*

## 1.1. History of related to programming (software engineering) works sessions

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*(Part-time) 4 years 5 months*

*June 2020 (35 years old) — October 2024 (39 years old)*

### **Own projects (Self-employed)**

#### **(Part-time) Singular Software Engineer**

Program (software engineering) projects:

- The main program (software engineering) direction is (AG)Infrasystem – unity of operation system, programming environment and programming language and utilities;
- Other program (software engineering) direction is C++ program (software) engineers (developers) helpers: AG85Cppframebrary1, AG85PerformanceofdatastructuresDemo1, 85AGOrderingsDemo1;

#### **(Part-time) Singular Technical Writer**

Technical writing projects:

- Learning books: Learning book about Datastructures, Learning book about Orderings;
  - Concepts and implementation checklists: Concepts and implementation checklist for general system engineering, Concepts checklist for data searching, Concepts checklist for multithreading, Concepts checklist for orderings.
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### **State Organization of Additional Children Education by Kirovsky District of Saint-Petersburg**

Russia

*Time #2: 9 months*

*March 2018 (32 years old) — January 2019 (33 years old)*

#### **Teacher of Additional Education**

- Teaching pupils programming (C++);
- Taking parts in Judging in pupils c Organizing and taking part in organizing civil educational competitions;
- Producing methodical materials for educational courses;

*Time #1: 7 years 1 month*

*December 2002 (17 years old) — January 2010 (24 years old)*

#### **Teacher of Additional Education**

***Consequently The Second, The First, and The Highest state qualification categories of Teacher of Additional Education specialty have been assigned to me.***

A photocopy of the certificate of The Highest Qualification Category of Teacher of Additional Education:

- <https://disk.yandex.ru/i/g2VwerMnKDdhNg>
- <https://cloud.mail.ru/public/QBz1/8DuNz7To1>
- <https://drive.google.com/file/d/1uJtO47zTQfGbJlpeDOjHU1bmB99MiQih/view?usp=sharing>

- Teaching pupils programming (C++, QBasic, PC user courses);
  - Preparing pupils for city IT, programming knowledge and software applications competitions which they repeatedly placed at;
  - Producing methodical materials for educational courses;
  - Organizing and taking part in organizing civil educational competitions for pupils of additional education of Information Technologies and Programming of Saint-Petersburg;
  - Acting as a member of Active Group of Methodical Association of teachers of Information Technologies of Additional Education of Saint-Petersburg.
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*1 year 6 months*

*September 2016 (31 years old) — February 2018 (32 years old)*

**State Saint-Petersburg University of Telecommunications in the name of Bonch-Bruевич M.A.**

Russia; <https://www.sut.ru>

**Lead Engineer, Assistant Professor**

Conducting and methodical support of the courses of:

- Software Engineering;
- Computer Engineering.

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**LogPoint A/S**

Remotely (Denmark); <https://www.logpoint.com>

As Individual Entrepreneur (from Russia)

*Time #2: (One project) 4 months*

*June 2017 (32 years old) — September 2017 (32 years old)*

**Principal Project Singular Developer for continuation of one project**

For previously developed Netflow V5 / Netflow V9 / IPFIX collector with elements of analysis corresponding to LogPoint SEIM system (<https://www.logpoint.com>) tasks:

- Integrated the collector-analyzer with the new versions of the LogPoint SEIM system [C++, Linux];
- Producing documentation for the collector-analyzer.

*Time #1: (One project) 10 months*

*August 2015 (30 years old) — June 2016 (31 years old)*

**Principal Project Singular Developer for one project**

Netflow V5 / Netflow V9 / IPFIX collector with elements of analysis corresponding to LogPoint SEIM system (<https://www.logpoint.com>) tasks:

- Designed and implemented the collector-analyzer [C++, Linux];
- Integrated the collector-analyzer into LogPoint SEIM system (<https://www.logpoint.com>).

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**Upwork Freelance Platform**

For customers around the world (remotely); <https://www.upwork.com>

*Time #3: (Part-time) 2 months*

*December 2018 (33 years old) — January 2019 (33 years old)*

*Time #2: (Part-time) 4 months*

*December 2016 (31 years old) — March 2017 (32 years old)*

*Time #1: (Some part-time, some full-time) 9 months*

*November 2014 (29 years old) — July 2015 (30 years old)*

**(Some part-time, some full-time) Freelance Software Developer**

(Profile at Upwork platform web-site: <https://www.upwork.com/o/profiles/users/~014cb5bd0eacdc3c51/>)

Short-term multifarious software development jobs [C++, Linux, OS X].

Please look through the portfolio at Upwork.com by the link

<https://www.upwork.com/o/profiles/users/~014cb5bd0eacdc3c51/> for details of the jobs and positive responses. Also, without login to Upwork.com, screen-shots of these are available at:

- <https://disk.yandex.ru/d/ctwHAFwVwiw1OA>
- <https://cloud.mail.ru/public/aEkv/8YPg6QxLd>
- <https://drive.google.com/file/d/1tBnPVWzZ-E5pg9lDtwmcdagGhZw7G9/view?usp=sharing>

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**Protonmedia, Inc.**

The USA (remotely); <https://www.protonmedia.com>

by agency of Elverils, LLC (Russia; <https://www.elveris.com>)

*Time #2: 3 months*

*February 2015 (29 years old) — April 2015 (30 years old)*

## **Senior Software Developer**

Investigated the status in regards of readiness of code of the following version of Protosphere (<https://www.protonmedia.com>).

*Time #1: 4 years 6 months*

*October 2009 (24 years old) — March 2014 (29 years old)*

## **Senior Software Developer**

*(Starting from the 1<sup>st</sup> of January 2012 collaborating registering as an individual entrepreneur.)*

- Developed a tool for load testing Protosphere (<https://www.protonmedia.com>) server side part (bots) – emulating:
  - 3D world user activity (Protonmedia servers of Protosphere server side)
  - audio communication activity (Microsoft Lync Server part of Protosphere server side);
- for Protosphere versions:
  - 1.x [C++, Win32API / Windows Server, Active Directory],
  - 2.x and 3.x [C#, MSSQL, UCMApi / Windows Server, Active Directory];
- Designed and implemented (both server and client sides) instant messaging for some Protosphere versions with Microsoft Lync 2010 instant messaging feature [C#, UCMApi, MS Lync Client API / Windows Server, Active Directory];
  - Implemented Protosphere audio (voice) collaboration feature of client side of a Protosphere version by integration with Microsoft Office Communicator 2007 [C++, COM, Microsoft Office Communicator 2007 Automation API];
    - Designed and implemented client side of Protosphere Firewall Traversal project [C++, Win32API];
    - Developed the signal part of the communication part of client side of a Protosphere version with integration with Microsoft Lync 2013 server and client sides using Microsoft Lync 2013 Unified Communications Web API (REST Web API) [C++, Microsoft Lync 2013 Unified Communications Web API];
- Other various short tasks and problems solving.

*(One project) 6 months*

*February 2011 (25 years old) — August 2011 (26 years old)*

### **Elverils, LLC**

Russia; <https://www.elverils.com>

the project for AEP Networks (The United Kingdom; <https://www.ultra.group>)

## **Senior Software Developer for one project**

Implemented Remote Desktop Protocol part of a Remote Desktop Protocol client (completely third-party (license) free code) [C++ / OS X].

*2 years 1 month*

*August 2007 (22 years old) — August 2009 (24 years old)*

### **Paystation Card Systems, LLC**

Russia

## **Software Developer**

For Public Transportation Monitoring, Statistics and Financial Arrangements System:

- Designed and developed Reporting Module [C#, MSSQL];
- Designed and developed Library for transmitting data via GSM/GPRS modem [C++ / Linux];
- Overseeing and analyzing installing and setting up vehicle-borne equipment in public buses of Saint-Petersburg (suggestions how to enhance settings and check up parts of the software of the equipment).

## 2. Related to programming (software engineering) activity education

### 2.1. University education

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*5 years (with a pause for a year)*

*2002 (17 years old) - 2008 (23 years old)*

State Saint-Petersburg University of Telecommunications in the name of Bonch-Bruевич M.A.

Russia; <https://www.sut.ru>

#### **Communication Networks and Switching Systems Engineer qualification**

Faculty of Communication Networks and Switching Systems (later of Infocommunication Networks and Systems)

A scan copy of diploma:

- <https://disk.yandex.ru/i/68TAE106zAvlxw>
  - <https://cloud.mail.ru/public/gXtn/ak4Tb1Yja>
  - [https://drive.google.com/file/d/1Uq2WS0U\\_WBBkMGeCDWb6Wnm-5cU7XMPw/view?usp=sharing](https://drive.google.com/file/d/1Uq2WS0U_WBBkMGeCDWb6Wnm-5cU7XMPw/view?usp=sharing)
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### 2.2. By government certified related to software engineering professional educational courses

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*144 hours*

*September 2021 (36 years old) – October 2021 (36 years old)*

ITMO University

Russia (remotely); <https://www.itmo.ru>

#### **Machine Learning and Data Analytics**

A photocopy of the **certificate 782411993999**:

- <https://disk.yandex.ru/i/EXBI-2N-sP6uQQ>
  - <https://cloud.mail.ru/public/C8qY/ixQLWZ6MQ>
  - [https://drive.google.com/file/d/1yuPYZ4O15tTTf73yv18\\_nDQNaetzCpwnW/view?usp=sharing](https://drive.google.com/file/d/1yuPYZ4O15tTTf73yv18_nDQNaetzCpwnW/view?usp=sharing)
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*120 hours*

*February 2021 (35 years old) - April 2021 (36 years old)*

Yandex.Practicum (Yandex School of Data Analysis)

Russia (remotely); <https://www.practicum.yandex.ru>

#### **Data Analyst**

A photo copy of the **certificate 20212DU00211**:

- <https://yadi.sk/i/fBha0nq1T9Bj6w>,
  - <https://disk.yandex.ru/i/D2m2MUQm2O6rlg>
  - <https://cloud.mail.ru/public/WhfF/xpLm5jozb>
  - [https://drive.google.com/file/d/1\\_OggUcyJ9J3ML\\_kY6WUdx1zMI61-a96b/view?usp=sharing](https://drive.google.com/file/d/1_OggUcyJ9J3ML_kY6WUdx1zMI61-a96b/view?usp=sharing)
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## 2.3. Related to programming (software engineering) comparatively long education courses

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5 years

1995 (10 years old) - 2000 (15 years old)

State Organization of Additional Children Education by Kirovsky District of Saint-Petersburg

### Learning programming consequentially in in chronical order QBasic, Pascal, C, C++.

Winning at pupils competitions:

Photocopy of the programs competitions winner certificates:

- State level in program developer the 1st winner diploma in 1999 year:
  - <https://disk.yandex.ru/i/UHtn-YNeW5vuPw>
  - <https://cloud.mail.ru/public/j2Xb/73RLJgiCZ>
  - [https://drive.google.com/file/d/1eRNr0E-BBb9Et\\_ZCohXs3OeNsWKAe6ve](https://drive.google.com/file/d/1eRNr0E-BBb9Et_ZCohXs3OeNsWKAe6ve)
- State level in program developer the 2nd winner diploma in 1999 year:
  - [https://disk.yandex.ru/i/aC\\_pPFv3n7emkw](https://disk.yandex.ru/i/aC_pPFv3n7emkw)
  - <https://cloud.mail.ru/public/9jvn/noS3oxSxy>
  - <https://drive.google.com/file/d/1JFPxWmsXZHPWo1I9sbAMzjip3uu28SRY>
- State level in program developer the 3rd winner diploma in 2000 year:
  - <https://disk.yandex.ru/i/Glrf-oANjQAreG>
  - <https://cloud.mail.ru/public/Xvud/qtTj77Q7H>
  - <https://drive.google.com/file/d/1YyEUPM2wi-5p6fPPKqNtaDEyDL6jV8Yt>
- District level in program developer the 3rd winner diploma in 1999 year:
  - <https://disk.yandex.ru/i/d9MGkXkspkOoTA>
  - <https://cloud.mail.ru/public/ayfc/chxRnmuNM>
  - [https://drive.google.com/file/d/1pa4o9mDVMgidP9hkQHd\\_PKOFV2z6-xwE](https://drive.google.com/file/d/1pa4o9mDVMgidP9hkQHd_PKOFV2z6-xwE)

Photocopy of the creativity products competitions winner certificate:

- [https://disk.yandex.ru/i/aG8Z1uOq2Di\\_uw](https://disk.yandex.ru/i/aG8Z1uOq2Di_uw)
  - <https://cloud.mail.ru/public/Bx4D/7kctdy3ZM>
  - [https://drive.google.com/file/d/1bKon\\_zOryrRZAL5EqwMavaUasH38zRYT](https://drive.google.com/file/d/1bKon_zOryrRZAL5EqwMavaUasH38zRYT)
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## 2.4 Related to programming (software engineering) comparatively short educational courses

*From 2018 to 2024 years about 15 online educational courses and 1 offline educational course - almost all of them with certificates which I don't provide here to reduce amount of information in this document.*

## 2.5 People languages educational courses

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... 2010 (25 years old) - March 2011 (25 years old)

Glory School

Saint-Petersburg, Russia; License # A 217117

### Upper-Intermediate level of English

Photocopy of the certificate:

- [https://disk.yandex.ru/i/Mp\\_wPTICJoCyEA](https://disk.yandex.ru/i/Mp_wPTICJoCyEA)
  - <https://cloud.mail.ru/public/AQgD/RHHjBaBer>
  - [https://drive.google.com/file/d/1UOwkk0CYAGaC1qH\\_9nOHNPJmkVt-MP27/view?usp=sharing](https://drive.google.com/file/d/1UOwkk0CYAGaC1qH_9nOHNPJmkVt-MP27/view?usp=sharing)
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... 2010 (25 years old) - ... 2010 (25 years old)

Glory School

Saint-Petersburg, Russia; License # A 217117

**Intermediate level of English**

Without providing the certificate here.

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## 3. Testing certifications

### 3.1 Related to programming (software engineering) knowledges testing result certifications

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2014

Brainbench.com

**Master C++  
Fundamentals  
C++, C++11**

Internet link:

<http://www.brainbench.com/xml/bb/transcript/public/consumer/viewtranscript.xml?pid=11628137>

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2007

Veles academy

**ANSI C**

Photocopy of the certificate:

- <https://disk.yandex.ru/i/pdtJnKzxllCWHQ>
  - <https://cloud.mail.ru/public/fUyH/BGKjFdVVE>
  - [https://drive.google.com/file/d/1QlYhiP807IGqGUyv10\\_LyG6-TimLOeHa](https://drive.google.com/file/d/1QlYhiP807IGqGUyv10_LyG6-TimLOeHa)
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### 3.2 People languages skills testing result certifications

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2015

Duolingo

**Duolingo Proficiency Exam in English**

Internet link: <https://certs.duolingo.com/q47864m4>

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## 4. Science activity results

Some for future id info:

- ORCID (has not been used yet): <https://orcid.org/0000-0002-7191-063X>



## 4.1. Articles in science journals

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*The investigation in 2016 (31 years old), the publication in 2017*

*Collection of scientific papers of 6<sup>th</sup> International Conference of Advanced InfoTelecommunications (2017)*

### **(In Russian) “Blockchain Technology: Prospects, Applications, Educational Vacuum”**

PP. 230-234:

- <https://www.sut.ru/doci/nauka/6apino/apino2017-2.pdf>
  - <https://disk.yandex.ru/i/qy-5NmgmGutFzA>
  - <https://cloud.mail.ru/public/SwgQ/UD4WVEC4s>
  - <https://drive.google.com/file/d/1LDXbteME1fCyD2rxG-x5WiL1dkEF5Ba-/view?usp=sharing>
- 

## 4.2. Reports at scientific conferences

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2017

*The 6<sup>th</sup> International Conference of Advanced InfoTelecommunications (2017)*

### **(In Russian) “Blockchain Technology: Prospects, Applications, Educational Vacuum”**

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# 5. Other related to programming (software engineering) achievements

## 5.1. Feedbacks on my works

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*Upwork.com*

### **Jobs history with positive feedbacks in regard to work results**

- In the portfolio at Upwork.com by the link:
    - <https://www.upwork.com/o/profiles/users/~014cb5bd0eacdc3c51>
  - Because some time Upwork.com required registration for looking at the info I am providing here corresponding screenshots:
    - <https://disk.yandex.ru/d/ctwHAFwVwiw1OA>
    - <https://cloud.mail.ru/public/aEkv/8YPg6QxLd>
    - <https://drive.google.com/file/d/1tBnPVWzZ-E5pg9IDtwmcdagagGhZw7G9/view?usp=sharing>
- 

## 5.2. Activities in software engineering social networks

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*StackOverflow (Software engineering topic questions-and-answers system)*

### **Account with technical answers for custom user questions**

- <https://stackoverflow.com/users/1790694/arthur-p-golubev>
-

Page for user notes: