

Andrey Zvonov

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About Me

[regular] B.Sc. in Applied Mathematics and CS at Lomonosov Moscow State University, Faculty of Computational Mathematics and Cybernetics.

[regular] Software Engineer in QA at Altinity, Inc.

[regular] Teaching Assistant at Computer Networks course in Moscow Institute of Physics and Technology.

Professional Experience

Altinity, Inc.

Software Engineer

June 2020 – Present

Remote

[regular] Enhancing ClickHouse DBMS: improved arithmetics and working with dates and times, added some (window) functions,

Altinity, Inc.

Software Engineer in QA

Sep 2020 – May 2022

Remote

[regular] Developed and improved automated tests for a number of features in **ClickHouse** and utilites, such as *ClickHouse Backup*, *ClickHouse Operator*,

[regular] Developed automated tests for *Altinity.Cloud* platform API,

[regular] Contributed to ClickHouse,

[regular] Maintained internal test&build pipeline for **ClickHouse**.

Applied Research Center for Computer Networks

Intern Software Engineer

Nov 2019 – Aug 2020

Moscow, Russia

[regular] Participated in general development of *RUNOS* SDN controller,

[regular] Was part of team developing a QoS tunnel management application via NETCONF.

Skills

[regular] Python, C++, Git/GitLab/GitHub, SQL, Databases

[regular] Linux, LaTeX.

Education

Lomonosov Moscow State University

B.Sc.

Sep 2017 – Jun 2022

Moscow, Russia

Distributed Systems and Computer Networks

[regular] Cumulative GPA – **4.4/5**

[regular] "Excellent" in Algorithms, Operating Systems, Computer Networks, Assembly Language & Computer Architecture, Distributed Systems, Computations Scheduling in Distributed Systems.

[regular] **Coursework:** *On routing of demultiplexed connections with considering current network state.*

Proposed an algorithm finding a set of routes satisfying a given bandwidth request, performed its efficiency analysis.

[regular] **Bachelor's thesis:** *On efficiency analysis of multipath routing algorithms.*

Performed efficiency analysis of some algorithms finding a set of routes satisfying a given request.

MOOC & Courses

[regular] Formal methods of software design and verification (Sirius University, Nov 2021)

JavaScript (Coursera)

Geometric Algorithms (Coursera)

First Principles: From Nand to Tetris (Coursera)

[regular] Introduction to HTML5, Introduction to CSS3, Interactivity with

[regular] Introduction to C++: White Belt (Coursera) (in Russian)

[regular] Build a Modern Computer from

[regular] An Introduction to Interactive Programming in Python (Coursera)

[regular] Developing Android Apps (Udacity)

Languages

Russian – Native

(present)

English – C1 (IELTS certificate)

German – Basic