

Andrey Zvonov

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About Me

- Pursuing Bachelor's degree at Lomonosov Moscow State University, Faculty of Computational Mathematics and Cybernetics.
- Teaching Assistant at Computer Networks course in Moscow Institute of Physics and Technology.
- QA Engineer at Altinity, Inc.

Education

Lomonosov Moscow State University

Bachelor studies

Distributed Systems and Computer Networks

Sep 2017 – Present

Moscow, Russia

- Cumulative GPA – **4.45/5**
- "Excellent" in Algorithms, Computer Networks, Assembly Language & Computer Architecture, Operating Systems, Distributed Systems, Computations Scheduling in Distributed Systems.

Online Courses

- Introduction to HTML5, Introduction to CSS3, Inter-activity with JavaScript (Coursera)
- Geometric Algorithms (Coursera)
- Introduction to C++: White Belt (Coursera) (in Russian)
- Build a Modern Computer from First Principles: From Nand to Tetris (Coursera)
- An Introduction to Interactive Programming in Python (Coursera)
- Developing Android Apps (Udacity)

Research

- **On routing of demultiplexed connections with considering current network state.**
(3rd year coursework). An algorithm finding a set of routes corresponding to a given request was proposed and its test was performed using network topologies from TopologyZoo.
- **On efficiency analysis of multipath routing algorithms.**
(Bachelor's thesis, in progress). The goal of the thesis is to analyse efficiency of a number of algorithms finding a set of routes in a given topology applied to particular tasks.

Extra activities

- Was elected as a class/group president at school and at the University.
- Guided freshman students for three years in a row, making them more familiar and comfortable with the University.

Professional Experience

Altinity, Inc.

Software Engineer in QA

Created automated tests for several new features in **ClickHouse** DBMS, as well as utilites, such as *ClickHouse Backup*. Contributed to writing ClickHouse docs. Wrote automated tests for our own cloud platform, *Altinity.Cloud*

Sep 2020 – Present

Remote

Applied Research Center for Computer Networks

Intern Software Engineer

Participated in development of *RUNOS* SDN controller.

Nov 2019 – Aug 2020

Moscow, Russia

Languages

Russian – *native*

English – *fluent*

German – *basic*