

# Andrey Zvonov

✉ zvonov.andrey@gmail.com    ☎ +7 (916) 396-02-50    in linkedin.com/zvonand

## 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.

## MOOC & Courses

- Formal methods of software design and verification (Sirius University, Nov 2021)
- Introduction to HTML5, Introduction to CSS3, Interactivity 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*