

Anton Tugaenko

Software Engineer

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in [tugaenko](#)

🌐 Amsterdam, Netherlands

I am

A software engineer specialized in Python, with 7 years of experience and a background in experimental physics. Teaching software engineering fundamentals to adult students as a part-time role. Seeking a full-time position in Amsterdam to apply my skills and experience.

Experience

Software Engineer @ [Positive Technologies](#), web application [firewall](#) backend team

January 2021 – July 2022

Positive Technologies is an industry leader in cybersecurity and a major global provider of information security solutions.

- Developed features called 'user rules' and 'black/white lists'
- Sped up several slow parts up to 10 times by profiling, refactoring and query optimizing

Stack: Python, aiohttp, PostgreSQL, Rabbit MQ, gRPC, REST, NGINX, Kubernetes, git, Teamcity



Tutor (part-time) @ [Yandex.Practicum](#), mentors' team. Pursued as a hobby, yet remunerated

December 2021 – November 2023

Yandex Practicum is an educational platform backed by the largest tech player in Russia.

- Empowered students to become market-fit backend developers, with over 50% securing employment
- Led a group of students with an outstanding survival rate (top 3 throughout the whole program)

Stack: Python, Django, SQLite, PostgreSQL, REST, NGINX, Docker, Github Actions, Yandex Cloud



Software Engineer @ [Yandex.Taxi](#), B2B backend team

July 2018 – January 2021

Yandex is the largest tech firm in Russia. Yandex.Taxi, online ride-sharing service, operates taxi aggregation and food tech businesses and was a business merged with [Uber](#) on several markets. The company is a global leader in self-driving technology.

- Collaborated closely with product managers on various business-related tasks
- Played a key role in the successful launch of [business-account](#) feature
- Streamlined customer connection processes by developing a simplified registration process, resulting in a tenfold reduction in required fields and significantly higher conversion rates

Stack: Python, aiohttp, MongoDB, PostgreSQL, REST, in-house equivalents of Kafka (Logbroker), MapReduce (YT) and AWS (Yandex Cloud)



Software Engineer @ [Iponweb](#), core server team

October 2016 – July 2018

Global company specializing in real-time advertising platforms. Was recently [acquired](#) by Criteo – a global leader in Commerce Media.

- Designed [Video Ad Serving Template](#) library
- Refactored native ads library resulting in a 30% speed boost
- Led server-side Lua code overhaul to eliminate [global scope pollution](#)

Stack: Lua, Python, Perl, MongoDB, Mercurial, Jenkins



Self-Educator @ home

July 2016 – October 2016

- Prepared myself for a career pivot through self-guided learning on platforms like Udacity and Coursera

Lead Engineer Physicist / Product Owner @ [Inkram](#) (gas analyzers developer), R&D dept.

February 2011 – June 2016

- Managed a team of engineers and workers. Supervised the development of complex technical devices
- Led several industry-related research projects and adapted prototypes for mass production, integrating my background in physics, electrical engineering, and embedded systems



Engineer Physicist @ [MEPhI](#) (Moscow Engineering Physics University), laser physics lab

May 2005 – February 2011

- Scientific work. Research, papers, conferences and so on. Mentored students
- Played a key role in development of explosives gas analyzer based on [FAIMS](#) and laser ionization



Education and Scientific Work

- PhD in Laser Physics | June 2010 | National Research Nuclear University "MEPhI"
- Masters in Solid State Physics | February 2006 | National Research Nuclear University "MEPhI"
- 5 patents and 15 scientific publications (all about physics and technology). | before 2015
- 17 programming courses [completed](#) on Coursera, Udacity, etc. | 2015 - 2016

