

# Dmitry Petukhov (He, Him)

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**Age:** 24 (1997)

**Location:** Moscow, Russia

**Relocation:** undesired

**Remote:** desired

## Experience

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### SberAutoTech (Sberbank Automotive Technologies)

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- **September 2021 - Python backend developer**

Took part in development of different backend services and creating integrations with an external APIs.

We primarily used async Python with FastAPI for creating REST API with Pydantic for schemes, Postgres + SQLAlchemy for storing our data locally and creating models, MinIO as a object storage, alembic to migrate our data and docker to deploy our apps.

### Russian Space Systems

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- **2017 - 2018 - Intern**
- **2018 - July 2021 - 1st category technician (Programmer), Software development department**
- **July 2021 - September 2021 - Software Engineer, Software development department**

Developed several program models for data-transfer networks. Used C++ (both pure and with Qt) and Python.

### Side activity

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Worked as tutor helping students of tech universities gain their skills in a programming.

## Education

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### Bauman Moscow State Technical University

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**2015-2021 - Department of Computer Science and Control Systems (Instrumentation) - Specialist with a distinction in Aircraft Automatic Control Systems**

## Publications

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- [4th year course work](#) - Research of realtime data interfaces application in the aircraft control systems
- [5th year course work](#) - Research of guaranteed data delivery in aircraft on-board data transmission networks
- [6th year course work](#) - Development of a no-delay data transmission protocol for an aircraft control system
- [Thesis](#) - No-delay data transmission protocol for an aircraft control system
- [Guaranteed information delivery in SpaceWire-based on-board aircraft networks](#) - Published in the science journal "Rocket-Space Device Engineering and Information Systems" in 2020