

# Maxim Averin

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## CONTACT INFORMATION

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## WORK EXPERIENCE

**X5 Retail Group** – Senior Python developer, February 2020 - May 2021

- Lead backend development of new service “Import”, made architecture, technical decisions. Showed successful demo for head of business department
- Made JWT-token authorization flow with DRF and event-based system for trading goods
- Participated in developing partners-microservice with FastAPI, MongoDB, Rabbitmq
- **Used:** Python, Django, PostgreSQL, MongoDB, Redis, Celery, RabbitMQ, Asyncio, Docker

**Lamoda** – python/go developer June 2019 - February 2020.

- Developed several integrations with 3-rd part services, closed dech-debt, dockerized and refactored go/python legacy projects
- Refactored legacy Django admin and moved to django 2.2, added linters, increased coverage to 80
- Made new golang microservice “Likes” from scratch (including architecture, sql queries, deploy to production and tests), send events across services with Kafka
- Developed internal product features, optimizations
- **Used:** Python, Django, PostgreSQL, Redis, Celery, Docker, Go, Kafka, jsonRpc, Swagger, helm, Grafana, Kibana

**BestDoctor** – python middle developer May 2018 - May 2019.

- Developed internal back office features including integrations with different APIs, medical online timetables, parsing info and launched new auth flow for web and mobile, callcenter crm, sales crm with insurance plan calculator.
- Made custdev interviews, product decisions and weekly presentations of team work
- Took product courses [productstar.ru](https://productstar.ru) and [custdev.me](https://custdev.me)
- **Used:** Python, Django, DRF, PostgreSQL, Celery, React, Jquery, GraphQL, CI/CD, Pytest, annotations validators

**ScienceMap** – product manager/full stack dev at startup February 2018 - June 2018.

- Hired 9 developers and managed a team of developers (frontend and backend)
- Built CI/CD pipeline for developers, wrote git/python guidelines
- Made backend prototype with Elasticsearch
- Made 20+ custdev interviews, built roadmap, prioritized backlog, Lead daily scrum, planning and retrospective and made presentations of team work
- **Used:** Python, Django, Elasticsearch, CI/CD, MongoDB

**Zerion** – developer with product decisions at blockchain company Feb 2017 - Mar 2018.

- Architected and developed microservice for contract analytics
- Helped to develop internal services, such as async payment processor for tracking and applying transactions in ethereum, authgateway.
- Wrote smart contracts and tests (integration, unit)
- **Managed 2 people**, prioritised, decomposed, assigned tasks and defined product requirements together with stakeholders
- Made design mockups in Moquups and Sketch
- Successfully **hired 3 developers** and organized [meetup](https://meetup.com) in October 2017
- **Used:** Python, Django, DRF, PostgreSQL, RabbitMQ, Celery, Tornado, Solidity, Docker

**Jetbrains** – software engineer intern in [Stepik.org](#) team July – August 2017. Developed [microservice](#) from scratch, which enables platform materials translation and deployed it on server. **Used:** Python, Django, PostgreSQL, Docker, Docker Compose

**OPEN SOURCE** **Zulip** – a group chat from Dropbox.  
I made several [pull requests](#), fixing frontend issues and refactoring django logger. Also I gave a talk about this and other open source experience with [slides](#) on [SPb Python Meetup 29](#).  
**Used:** Python, Django, UnitTests, Travis

**HACKATHONS** Organized and gathered teams for hackathons, lead development, cut functionality for MVP, invented ideas for showing fake functionality, pitched ideas in face of juries. One of the coolest demo: <https://youtu.be/YNgUMhhqIrs>.

**Spring Hack**, won 1st place (among 20 teams) April 2019  
**mABBYlity**, won 4th place (among 20 teams) October 2017  
**VK Hackathon**, won the “Audience’s Choice”, prize from hosting-provider November 2016

**AWARDS** Prizewinner of Russian Regional Olympiad in Informatics February 2015  
Prizewinner of Russian Team Olympiad in Informatics, 3<sup>rd</sup> diploma November 2014

**EDUCATION** **ITMO University**, Saint Petersburg Fall 2015 – Spring 2018  
*Bachelor of Science* in Applied Mathematics and Informatics

**SKILLS**

- **Programming languages:** Python, Golang, JavaScript, Bash, HTML, CSS
- **Frameworks and tools:** Django, Tornado, asyncio, Flask, DRF, RabbitMQ, Celery, Kafka, Pytest, gsonRPC, prometheus
- **Databases:** Postgresql, MongoDB, MySQL, Redis, MemCached, ElasticSearch
- **Frontend:** Angular, React, GraphQL, jQuery,
- **Deployment:** Docker, Docker Compose, CI/CD in gitlab, helm
- **Trainings:**
  1. Workshop about testing, autotests, TDD on Python by [Fedor Borshev](#)
  2. Nick Toverovsky’s Workshop “[Project Management](#)” (3 days)
  3. [Custdev.me](#) by Ivan Zamesin
  4. [Productstar.ru](#) (product management course)
- **Languages:** English (Advanced), Russian (Native), German (Pre-Intermediate)