

# ALEXEY SHEKHIRIN

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## EXPERIENCE

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### **Aviasales**

*Software Engineer*

Saint Petersburg, Russia

May 2019 — Present

- Backend for mobile application
- REST API
- Golang, Ruby on Rails, Python
- PostgreSQL, Redis
- Kubernetes, Prometheus, Grafana, Kafka, Nginx

### **IQ Option**

*Data Scientist*

Saint Petersburg, Russia

July 2018 — May 2019

- Interactive Tableau product-related reports and dashboards
- Data-driven decision making (A/B tests, experiments)
- Investigating users' behavioural events to find insights and solve different problems
- Help other teams with their analytics-related requests
- Tableau, Hadoop, Hive (ThriftServer), Python, Jupyter, SQL

### **IQ Option**

*Data Science Intern*

Saint Petersburg, Russia

June 2017 — September 2017

- Goal for whole internship was to find users' behavior insights
- Onboarding feature with my insights and recommendations has been implemented and as a result improved user experience with the platform and increased their LTV
- Python, Jupyter, SQL

### **Hi Karl**

*Software Engineer*

Nashville, TN, USA (Remote)

February 2017 — March 2017

- Facebook messenger chatbot
- Python, CouchDB, NLP (api.ai then, dialogflow now)

### **E-Contenta**

*Software Engineer Intern*

Saint Petersburg, Russia

June 2016 — September 2016

- Movie recommendations using Collaborative Filtering
- Telegram bot and website based on VK.com social network users database for movie recommendations
- Python, Sklearn, Telegram, Ansible, Jenkins, Zabbix

## PROJECTS

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- Friend Zone - iOS app that finds you people in social network VK by some interesting filters. Backend with Python, DB with MongoDB and a bit of machine learning with Sklearn are made by myself.
- Leonard Bot - open source multifunctional telegram bot integrated with tons of APIs.
- Word Cloud - open source VK chatbot that reached 400 WAU in just 2 weeks. It creates a cloud of words from users' feed for a whole year. I've used Python, VK API and wordcloud library.

## ACHIEVEMENTS

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- I was the very first and the youngest intern at IQ Option on Summer 2017 and Summer 2018 in Data Science department and then successfully got a full-time job there.

- I participated in 6 hackathons (GoToHack, NTI, GoToHack 2, IQ Fintech Hackathon, University 2035, Junction 2018) and won 3 of them.

## SKILLS

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### **Languages and Technologies**

Python, Flask, Golang, Ruby on Rails, Redis, PostgreSQL, Kafka, Kubernetes, Grafana, Prometheus, Nginx, Jupyter, SQL, Hadoop, Hive, Linux, Bash

### **Spoken languages**

Russian (native)

English (B2, fluent)