

# Alexey Shekhirin

+7 (911) 872-21-65  
[a.shekhirin@gmail.com](mailto:a.shekhirin@gmail.com)  
<http://shekhirin.me>

*Interested in bot industry, backend systems and data science field*  
*Love to lead and assist people*  
*Have experience working in startups and organising myself remotely*

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## Technical Skills

**Likes:** python backend django chatbot data-science bigdata docker mongodb postgresql telegram-bot heroku vk unix jupyter git data-visualization

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## Experience

**Co-Founder & CTO** – Excursium Oct 2017 → Current  
python, django, postgresql, python-telegram-bot, telegram-bot

- C2C service that offers you interesting and usual excursions on one hand and way to monetize your knowledge about your city on other hand.
- For now, our team is working on Website, Telegram Bot and Android application.
- We've received grant support from Rybakov Fund.
- Release is planned to be in Spring 2018.

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**Data Analyst Intern** – IQ Option Jun 2017 → Aug 2017  
python, scikit-learn, pandas, docker

- Goal for whole internship: Find users' behavior insight for sales increases
- Data Analytics and Data Visualization (Python, Jupyter, Tableau)
- Infrastructure (Docker)

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**Co-Founder & CTO** – Sheldon AI Oct 2016 → Aug 2017  
amazon-dynamodb, amazon-s3, python, mongodb, bugsnap, heroku, scikit-learn, telegram-bot, python-telegram-bot

- Team management & Technical lead
- Telegram bot
- Data Science & ML
- Integration with various services (Uber, Foursquare, DarkSky, etc.) - AWS (DynamoDB, S3)
- Google Cloud Platform (App Engine, Compute Engine, Vision API)
- Heroku
- Logging and monitoring (Papertrail, Bugsnap)

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**Python Developer Intern** – E-Contenta Jun 2016 → Oct 2016  
docker, jenkins, ansible, zabbix, python, chatbot, telegram-bot, python-telegram-bot, scikit-learn

- Movie recommendations bot on Telegram
- Movie recommendations demo stand website based on VK.com users database
- Infrastructure things such as Docker, Jenkins, Ansible, Zabbix

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## Apps & Software

**Word Cloud** – <http://vk.com/wwcloud> Dec 2017  
vk, vk-sdk, python, mongodb, pillow

- VK bot to create your personal cloud of tags.
- Written in ~24 hours before New Year 2018 to let users compose their own cloud of words based on their posts for 2017 year.
- Used nearly 1000 times in two weeks.

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**Friendzone** Jul 2017  
tensorflow, theano, docker, mongodb, linux, nginx

- Dating app on neural networks.
- I've been creating different filters (recommenders).
- Then users can rank people from VK based on their preferences (e.g. I want to find a girl interested in gaming and travelling).
- It works on NN vectorizer and recommender model.

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**Leonard Bot**

Jan 2017

python, telegram-bot, python-telegram-bot, mongodb, amazon-dynamodb

- Multifunctional Telegram bot for personal use.
- Developed with my friend to let anyone use daily needed functions easier using Telegram.
- WolframAlpha, 9GAG, Product Hunt, Uber and more useful things are in it.
- Built on Python with pre-made and self-written libraries for different services.