Alexey Shekhirin

Co-Founder and CTO at Sheldon AI

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Summary

Interested in bot industry and data science field
Love to lead and support people
Have experience working in startups and founded own with friend
Highschool student

Experience

Co-Founder and CTO @ Sheldon AI (AI solutions B2B)
October 2016 - August 2017 (10 months)

- Team management & Technical lead
- Telegram bot (sheldon.ai/leonard)
- 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, Bugsnag)

Chatbots developer intern @ Hi Karl (Chatbot to find party anywhere anytime you want)
February 2017 - March 2017 (1 month)

- Facebook messenger chatbot
- CouchDB
- NLP (wit.ai)
- Unit tests

Python Developer @ E-Contenta (Personalized B2B online marketing and recommendations service)
June 2016 - October 2016 (5 months)

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

Data Analyst @ IQ Option (Trading platform)
June 2017 - August 2017 (3 months)

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

- Machine Learning for LTV & Churn rate prediction based on user onboarding process

Projects

- **Friendzone — dating app on neural networks.** I create different filters (recommenders) with which 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. Also all infrastructure things such as MongoDB, Docker, Linux server, NGINX and others lay on me.

- [Leonard Bot](#) **- 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.

- [Word Cloud Bot (Облако тегов)](#) **- VK bot to create your personal cloud of tags.** Written in ~24 hours before New Year 2017 to let users compose their own cloud of words based on their posts for 2016 year. Used nearly 800 times in two weeks.

- [Excursium](#) **- C2C service that offers you interesting and usual excursions on one hand and way to monetize your knowledge about your city on other hand.** I've built along with my team. For now, we're working on Website, Telegram Bot and Android application. We've received offer for grant support from Rybakov Fond. Released is planned to be in Spring 2018.

Education

Gymnasium 21
Foreign Languages, Literatures, and Linguistics, 2007 - 2018

Languages

Russian (native)
English (fluent)

Skills & Expertise

Python
Chatbots
Big Data
Machine Learning
Messenger Bots
NoSQL
Amazon Web Services (AWS)
Docker
Heroku
Technical Leadership
Git
Recommendation Systems
Data Analytics
Data Visualization