

BackEnd NLP engineer

Summary

- Full name: Vadim Polulyakh
- Experience: 10 years
- City: Moscow
- email: bavadim@gmail.com
- github: bavadim

Core skills

Scala, SciPy, TensorFlow, Natural Language Processing, Natural Language Toolkit (NLTK), Akka, Play Framework, pandas, Apache Spark, Chatbot Development.

Projects

I have developed some projects from scratch. You can estimate my practical skills on them:

- <https://declaration.fastlaw.io> is a service for the quick creation of Tax returns. This service uses AI technologies to extract information from photos. You just need to upload photos of your documents, answer a couple of questions and wait for the system to create all the necessary documents. This software helps you to save about 50 minutes on a Tax return. Technological stack: scala, typescript, python, tensorflow.
- <http://smartnalog.ru> is a knowledge base on Russian tax law developed by me from scratch in 3 months. The main challenge of the project was the development of a search engine. This search engine uses AI technologies (fasttext, WMD) to select an article from knowledge base that is appropriate for the user's question. The question is forwarded to the lawyer if no article is found. This answer is remembered. Thus, I managed to create a database of answers in two months. Technological stack: python, typescript, tensorflow.

Work history

employment period	name of organization	position	duties/achievements
2017 — 2020	DeepPavlov	chief engineer	We were developing an o

employment period	name of organization	position	duties/achievements
2015 — 2017	Raiffeisen Bank	senior lead developer	I have been engaged in t
2012 — 2015	Edisoft Development ltd.	system architect	Head of the research, dev
2011 — 2012	Acronis ltd.	software engineer	Participated in the devel
2008 — 2010	Moscow Power Engineering Institute	developer	Participated in the devel

Education

year of graduation	school	degree
2010	Moscow Power Engineering Institute	Masters Degree in Computer Science
2011	udacity.com	Artificial Intelligence
2012	Coursera.org	Software Engineering for SaaS
2013	udacity.com	Artificial Intelligence for Robotics
2014	Coursera.org	Machine Learning
2014	Coursera.org	Functional Programming Principles in Scala

About me

I am an experienced engineer who has created several large projects from scratch. I will be glad to help you if you need a rapid prototype of an AI-based web service, to solve a practical natural language processing task or to set up a machine learning pipeline.

Contacts

- email: bavadim@gmail.com
- web-site: <http://bavadim.me>
- github: my github