Vasnetsov Andrey

Personal Data

Location:	Berlin, Germany	e-mail:	andrey@vasnetsov.com
GitHub:	github.com/generall	Blog:	blog.vasnetsov.com

Work Experience

present
December 2021

Co-Founder & CTO at Qdrant Solutions, Open Source Neural Search Engine
Created and technically led a venture-baked deep-tech company dedicated to build an Open Source vector search engine - Qdrant

December 2021
January 2020

Lead Data Scientist at MoBerries, HR matching platform
Lead development of a new neural search based vacancy-candidate matching engine

Dec 2019
July 2017

Machine learning Tech Lead at Tinkoff.ru, Search department
Headed a group of two Data Scientists and a Python developer.

Led the development of a search project for goods and services. Besides the full text search engine this project involved personal recommendations, goods classification and query slot-filling.

Senior machine learning engineer at Tinkoff.ru, Big Data department
Developed a system for crawl and extraction structured information about people, products and organizations from the web. This system reduced the cost of manually checking the loan application forms. It also were used for providing data about special offers to our search engine.

Built a machine learning platform, which allowed analysts to rapidly deploy their models in production.

Spring 2017

Freelancer at upwork.com
Developed a service which assists HR with compiling of vacancy description by providing auto-completion for frequent domain-specific phrases. Built a model for domain-specific relevant phrases extraction in English and Dutch languages. Created a high-performance REST API service with Scala.

February 2017
March 2016

Software developer at Dotin LLC
Platform architecture developing
Developed A social profile matching platform that is used to extract and process information about users of social networks. Analyzed open linked data sources, such as dbpedia.org, to enrich user data.

March 2016
Aug 2014

Programmer at Mail.ru Group, department of information retrieval
C++ \Python programming
Developed a task distribution system. Optimized algorithms for processing large data.

Professional Skills

Languages:	Rust, Python, JavaScript, Scala
Databases:	PostgreSQL, MongoDB, Search Engines: ElasticSearch, Qdrant
Machine Learning:	scikit-learn, Deep Learning with PyTorch
	Metric Learning, Neural Search, Transformers
Development:	Linux, Bash, Docker, K8S, CI\CD, Git\SVN, AWS
Big Data:	Spark, Hadoop, Hive

Education

June 2017 Master of Computer Science, **Bauman Moscow State University**, Moscow
Thesis: "Mertic classification algorithm for sequence labeling"

July 2015 Bachelor of Computer Science, **Bauman Moscow State University**, Moscow
Thesis: "Classification algorithm research for named entity disambiguation"

Languages

Russian:	Mothertongue
English:	Fluent
German:	Beginner