Anastasia Torunova

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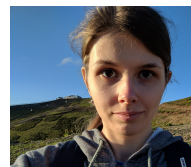
Education

2017 – 2019	**Yandex School of Data Analysis** Computer Science department.
	M.Sc. Applied Mathematics and Computer Science, Moscow Institute of Physics and Technology (State University), Russian Federation. Thesis title: *Exploring different approaches to Wavenet speedup.*
2013 – 2017	**B.Sc. Applied Mathematics and Computer Science, Moscow Institute of Physics and Technology (State University), Russian Federation.** GPA: 4.63/5.0 Thesis title: *Syllable-level acoustic modeling with convolutional neural networks.*
Jul 2011	**Summer camp student**, Summer Multisubject School (Mathematics), Kirov, Russia
Jul 2010	**Summer camp student**, Summer Multisubject School (Mathematics), Kirov, Russia
Jul 2009	**Summer camp student**, Summer Multisubject School (Mathematics), Kirov, Russia
2002 – 2013	**Student, magna cum laude**, High School №82 named after F.I. Dubovitsky, Chernogolovka, Russia

Employment

July 2016 – ····　**Deep learning engineer**, Tinkoff Bank
Work in speech recognition and synthesis team.
Throughout the years at the company had different roles:

- Deep learning engineer: trained deep learning models for ASR (using Tensorflow, Pytorch)

- Backend developer:

  - wrote backend services (in C++ and Golang) that provide our SaaS speech recognition and synthesis - Tinkoff Voicekit

  - optimized deep learning models for speech synthesis to be used in production

  - participated in launch of Tinkoff voice assistant - Oleg

- Lead developer: managed a team of backend developers for Voicekit

At the moment I am a deep learning engineer.
I train deep learning models for ASR.

Skills

Languages	◧	English - C2 level for reading writing and listening, B2 for speaking French - A1 Russian - native
Coding	◧	Python, C++, Golang
Frameworks	◧	Tensorflow, Pytorch, Tensorflow Serving, TRT Inference Server, Django, OpenGL, Unity.
Technologies	◧	Docker, Kubernetes, Helm, Envoy, Nginx, Jupyter, Bash, Git

Projects

Aug 2017	◧	**Small contribution to Tensorflow Serving.** Added padding to BatchingSession to allow for variable-length inputs for recurrent models such as LSTMs.
Feb - May 2017	◧	**OpenGL maze demo** Created OpenGL demo of a maze where you can place portals on walls and move through them - just like in Valve's Portal game.
Feb - Jul 2016	◧	**Backend developer**, getnb.io Worked in a team developing a service that lets you launch machine learning tools such as JupyterNotebook and RStudio in the cloud.

Online Courses, Certificates and Awards

Jun 2017	◧	**TOEFL iBT**
		Scores:
		  Reading: 27
		  Listening: 29
		  Speaking: 19
		  Writing: 25
		  Total: 100

Apr 2016	◧	**Tinkoff Bank ChatBot Challenge**, 1st place. MIPT, Moscow Challenge to create tech support Telegram bot for banking.
Feb - Aug 2016	◧	**Machine learning and Data Analysis** Coursera course by MIPT and Yandex
Jan - Feb 2016	◧	**Android Fundamentals** Udacity course by Google
Jul - Aug 2015	◧	**Unity Roguelike Tutorial**