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Anton DOROZHKO

EDUCATION

2015 – 2019	**MSc computer science / engineer** Télécom ParisTech (France, Paris) and NSU (double degree) Department : Datascience and Applied Mathematics
2011 – 2015	**BSc computer science** NSU (Novosibirsk State University, Russia) Department : Discrete analysis and operation reserch GPA : 4.9 / 5 with honnors

EXPERIENCE

2019	**Computer Vision Internship (Wintics)**	Paris, France
	Detection and tracking to count and track different types of vehicles on intersections Embedding of models for Nvidia Jetson. NAS to reduce model size and latency	
2018	**Research project (Télécom - Vente Privée)**	Paris, France
	Research and innovation Master project Subject : Application of RL for recommender systems.	
2018	**Datascience Intern (Xlearn - Télécom Incubator)**	Paris, France
	Prepared survey of the articles about Recommender Systems for job matching and useful Information Retrieval methods for that task	
2015 – 2017	**Machine Learning Developer (Expasoft LLC)**	Novosibirsk, Russia
	Created a prediction model for wagon provisioning for oil refineries. Integrated it with an optimization model of route planning Tuned a system of face recognition based on embeddings to use it in small shops, created a client app for Raspberry Pi with simple tracking and control of sharpness.	
2014 – 2015	**Intern, webhosting solutions department (Odin)**	
	Analyzed different types of caches for webservices, created test webservices Developed genetic algorithm for servers' load balancing	

TOOLS

ML/DL	MaskRCNN, YOLO, RL, NAS tensorflow, pytorch, scikit-learn
Dev	python (numpy, matplotlib, scipy, pandas), opencv, jupyter, pycharm, git, C++, SQL
Ops	docker, jenkins, CI/CD
Managment	redmine, trello, agile, CRISP-DM

LANGUAGES

English	C1-CAE
Russian	native
French	B2.2
Chinese	A1

PUBLICATIONS

1. **"A genetic algorithm for load balancing on the servers"** — report at the Tenth Asian International School-Seminar "Problems of optimization of complex systems" [rus]
2. **"Building an RL agent for the Universe platform"** — Abstracts of the International Scientific Student Conference (Novosibirsk, Russia)

OTHER EXPERIENCES

Datamining and machine learning — Conducted practical sessions during spring 2017 at NSU (in English)
Attended the **PRAIRIE Artificial Intelligence Summer School** (PAISS) 2018 Grenoble France
Finished one datascience project at **Telecom Etude**
Introduction to reinforcement learning — Conducted a course during spring 2019 at NSU (in English)

OTHER CENTERS OF INTEREST

reading, computer games, piano, art of human rationality, chess