Ruslan Vorovchenko

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EDUCATION

Moscow State University   Moscow, Russia
Bachelor of Computational Mathematics and Cybernetics   *Aug. 2020 – July 2024*

LANGUAGES

Russian(native), English(B2-C1)

TECHNICAL SKILLS

PROGRAMMING
Languages: Python, C/C++, R, Java, Dart, HTML/CSS
Frameworks: Tensorflow, Flutter
Developer Tools: Jupyter Notebook, Google Colab, Git, VS Code, Android Studio
Python libraries: pandas, numpy, matplotlib, seaborn, sklearn, xgboost, catboost, adaboost, spacy, shapely, overpass, geopandas, folium, keplergl
ELECTRONICS
Developer Tools: Altium Designer, STM32CubeIDE, STM32CubeMX, Atollic TrueStudio, Keil uVision, Atmel Studio
Hardware: STM32, Atmel, ESP8266

PROJECTS

EpiDetect
   Smart bracelet system for tracking nocturnal seizures of rolandic epilepsy $| C/C++, Python, Android, Java |$
RoboCup Junior Soccer Open
   2 custom robot soccer players (link) $| C/C++, Python, Computer Vision |$
Smart Lamps
   Smart IoT lamps and mobile app (production phase) $| C/C++, IoT, Android, Flutter |$

COMPETITIONS

1st place in WorldSkills National Championship in Electronics	Kazan 2019
2nd degree Scientific Jury Diploma at Baltic Scientific Engineering Competition	Saint Petersburg 2019
2nd place at Skoltech and Sberbank IoT hackathon (EpiDetect)	Skolkovo 2018
1st place in WorldSkills Junior National Championship in Electronics	Yuzhno-Sakhalinsk 2018
1st place in JuniorSkills National Championship in Electronics	Moscow 2018
2nd place in JuniorSkills Corporation National Championship	Skolkovo 2017
1st place in JuniorSkills National Championship in 3D modelling/printing	Krasnodar 2017
Participation in National Scientific Competition NTTM (EpiDetect)	Moscow 2016
Business Jury Award at Baltic Scientific Engineering Competition (EpiDetect)	Saint Petersburg 2015
1st place in the National Scientific Competition "Junior" (EpiDetect)	Moscow 2015
1st place in Moscow City Team Olympiad in programming	Moscow 2015

COURSES

Deep Learning Specialization by DeepLearning.AI   current
   Basics, Neural Networks, Tuning, TensorFlow, CNN, Object Detection, Face Recognition, RNN, NLP, Seq Models
Moscow Institute of Physics and Technology DLSchool   current
   Basics, Machine Learning, Neural Networks, CNN, CV, Image segmentation, GAN
Completed MegaFon course "Machine Learning and Data Analytics"   2020
   Basics, Linear models, Metrics, Decision trees, Ensembles, Clustering, NLP, A/B testing, Geo
Completed Tinkoff Algorithms course   2019
   C/C++, Python, Algorithms
Graduated with honors from Samsung IT School (Android Mobile Development)   2018
   Java, Android development, Java libraries
Graduated with honors from "Programming in C++" course   2015
   C/C++, Algorithms