

## DATA SCIENTIST

### Ivan Gudkov

successfully completed eighteen-month full-time training programme at MADE Big Data Academy and was qualified as Data Scientist

Certificate №  
№324-74248

### TERM 1

Subject	Hours	Instructor	Grade
Algorithms and Data Structures	64	Grigory Shovkoplyas	A
Machine Learning	46	Emeli Dral	A
Advanced Python	30	Alexey Dral	B
Auction Theory	20	Pavel Sulimov	A
Geospatial Analytics	20	Pavel Sulimov	A

### TERM 2

Subject	Hours	Instructor	Grade
Advanced Machine Learning	52	Sergey Nikolenko	A
Deep Learning	28	Ivan Karpukhin, Radoslav Neichev	A
Practical Big Data	40	Alexey Dral	B
Natural Language Processing	52	Radoslav Neichev	A
Graph Machine Learning and Social Network Analysis	64	Vitaly Pozdnaykov, Andrey Kuznetsov, Ilya Makarov	A

### TERM 3

Subject	Hours	Instructor	Grade
Advanced Deep Learning and Reinforcement Learning	48	Sergey Nikolenko	C
Large Scale Machine Learning	51	Andrey Kuznetsov, Dmitrii Kiselev, Dmitrii Bugajchenko	C
Graph Neural Networks and Applications	40	Ilya Makarov, Vitaly Pozdnaykov	A
Mobile Robotics and Self-driving Cars	41	Vladislav Goncharenko, Stanislav Kikot	A
Interpretable AI and Data Mining	39	Makhalova Tatyana	B

### Final Project

Product matching for cheapest shopping list in retail

Supervisor Semyon Komissarov

December 2021

Grade A

**Dmitry Smyslov**  
Vice President,  
HR and Educational Projects

**Anna Stepanova**  
Director,  
VK Educational Projects

**Ilya Makarov**  
Programme Director,  
MADE Big Data Academy

**Tatsiana Tsygan**  
Executive Director,  
MADE Big Data Academy