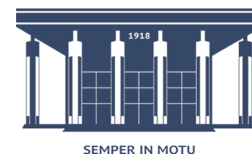


VORONEZH REGIONAL CENTRE FOR ARTIFICIAL INTELLIGENCE



MASTER'S PROGRAMMES:

Machine learning and intelligent systems,
Data analysis and machine learning in financial technologies,
Intelligent information technologies,
Mathematical foundations for computer graphics.



EXAMPLES OF COURSES:

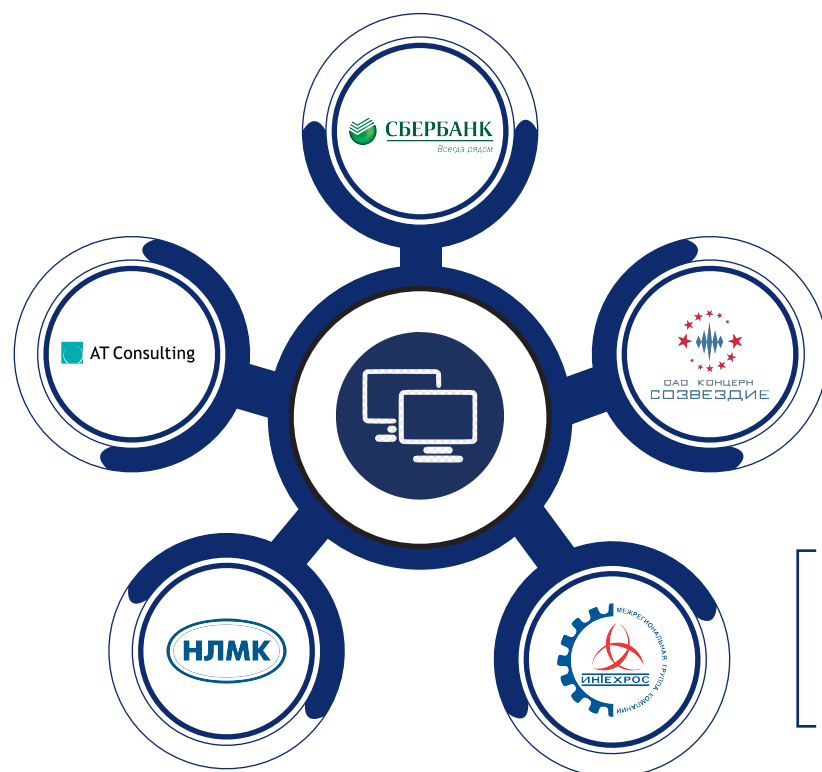
Management of IT projects and development teams in data science
Neural network technologies and intelligent systems
Building machine learning systems with Python
Recommender systems and data mining
Probabilistic models of machine learning
Modern neural network technologies
Expert information processing
Banking IT infrastructure
Optimisation methods
Big data analysis
Soft computing
Data mining
Computer vision
Parallel programming
Basic agent-based systems
Natural language processing
Statistical data analysis systems
Data warehouses and OLAP technologies
Discrete optimisation models and methods
Data mining
Programming and scientific computing using Python
Intelligent information systems and the technologies
for their development
Knowledge engineering and knowledge base design
Information security and data protection

~ 100 million roubles
equipment cost

Advanced system of data
storage and processing
Cloud management system
Quick and stable
data access
Increased information protection

~ 2000
Artificial intelligence specialists
in all training programmes
over 4 years

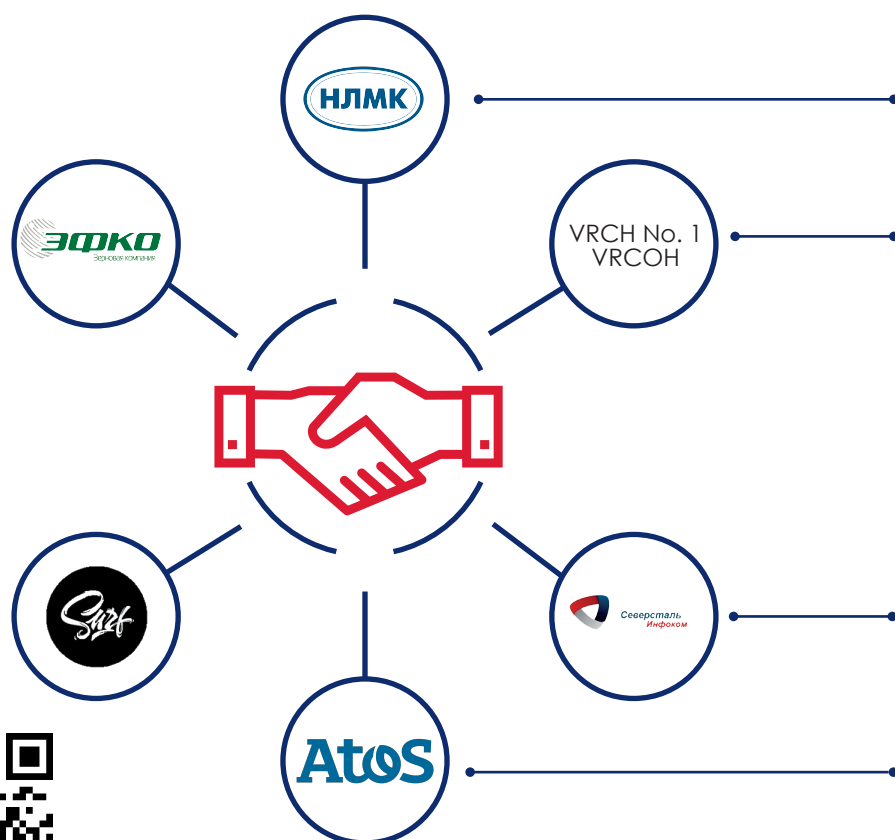
Artificial intelligence technologies
in the field of **robotics**
Robot manipulator arm installed



SUPERCOMPUTER CENTRE
with the top capacity of
39 Tflops, 28 Tflops
in the Linpack test.

51 computers
Intel® Core™ X-series processors,
virtual and **augmented** reality Palit
GeForce® RTX with ultrafast 11 Gb RAM,
4352CUDA cores,
processing graphic images of any complexity
multiplied acceleration of calculations

Unique laboratory equipment
of AO Research and production centre **"ELVIS"**
Interaction with enterprises of the defence industry complex



METALLOGRAPHIC STUDIES

SYSTEMS FOR DIAGNOSIS AND PROGNOSIS
OF DISEASE DEVELOPMENT

VARIOUS PROJECTS (CHAT BOT,
IMAGE CLASSIFICATION, ETC.)

AUTOMATIC CLASSIFICATION
OF CUSTOMER REQUESTS

DEFECT DETECTION BASED
ON VIDEO STREAM DATA

EDUCATION CENTRE
FOR TRAINING ML SPECIALISTS

