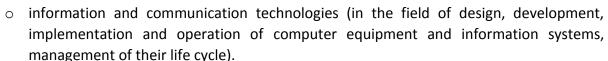
Computer science and engineering System programming and artificial intelligence technologies

Field of professional activity:





What positions can graduates hold:

- ✓ system programmer;
- ✓ programmer;
- ✓ system administrator of information and communication systems;
- ✓ specialist in administration of network devices of information and communication systems;
- ✓ software tester;
- √ database administrator;
- ✓ system analyst;
- ✓ artificial intelligence specialist

Our partners are companies for employment and internship:

- Scientific and production enterprise "Yugpromavtomatization",
- Radioavionics,
- Research and Design Institute of Informatization, Automation and Communication in Railway Transport (NIIAS),
- Rostov Information and Computing Center is a structural subdivision of the "Main Computing Center"-a branch of JSC "Russian Railways".

In the course of training, disciplines will be studied:

- System software of computing systems;
- Programming technologies;
- Operating systems;
- Programming system utilities and device drivers;
- Computing systems and networks;
- Circuit design and architecture of computing systems;
- Programming of microprocessor devices;
- Information security and information protection;
- Object-oriented programming;
- Visual programming and graphical interfaces;
- Databases;
- Development of mobile applications and augmented reality;
- Artificial intelligence systems and technologies;
- Big Data and Mining;
- Theory of machine learning and pattern recognition and others.

