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| <p style="text-align: center;">Area of study: 09.03.04 Software Engineering Program Software Development Methods and Tools</p> <p>Degree: <i>bachelor</i> Program length and study mode: <i>4 years</i> Language: <i>Russian</i> Credits: <i>240</i> Start date: <i>September 1, 2020</i> Location: <i>Taganrog</i></p> <p>Entry requirements:</p> <p><i>Knowledge of Russian. Knowledge of mathematics and computer science at the intermediate level. Basic programming skills.</i></p> | <p style="text-align: center;">Program description:</p> <p>You will receive <i>training</i> in software design and development; <i>Experience</i> in mobile and Internet applications development; <i>Skills</i> of different languages and programming environments use for experimental problems solving.</p> <p>Program structure: Basic part: <i>178 credits</i> Elective courses: <i>31 credits</i> Practical training: <i>22 credits</i> Electives: <i>40 credits</i></p> <p>Typical units of study may include: Programming, Mathematical foundations of computer science and programming, Data processing structures and algorithms, Object-oriented programming, Databases and DBMS, Computer graphics programming, Architecture and technology of software development, Software Quality, Embedded systems and the Internet of things</p> <p>Optional courses: Web design and development; Mobile application development; Network and system administration; IT solutions for business on 1C platform</p> | <p>Careers: Testers, developers, project managers in companies and departments specializing in software development and maintenance.</p> <p>Get in touch: - <i>Lyubov V. Pirskaya</i> - <i>Candidate of Technical Sciences</i> - <i>8 (8634) 371673</i> - <i>lpirskaya@sfnedu.ru</i> - <i>Scopus ID 56513973700</i></p> <div style="text-align: center;">  </div> |
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| | <p>Research areas: Information and algorithmic support of digital control systems, local navigation, compression and parallel information processing System of technical vision, processing and recognition of image compression Tools for development and maintenance of problem-oriented knowledge-based systems, databases and knowledge bases Research and application of artificial intelligence, machine learning methods for application software development</p> | |
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