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REVIEW

of the educational-professional program "Computer Science" for the first level of higher education for bachelors in the specialty 122 - Computer Science in the field of knowledge 12 "Information Technologies" presented by the National University "Yuri Kondratyuk Poltava Polytechnic"

The educational program focuses on modern information technologies, provides fundamental study and obtaining of practical skills and abilities in the field of development, design, software testing, modeling of information systems, management of IT projects, databases, information security systems, computer architecture, and user networks. It is an axiom that the level of this industry development determines the competitiveness of products and services, and as a consequence, the state of the country's economy.

The main focus of bachelor's training in the educational-professional program "Computer Science" is obtaining of the professional competencies necessary for deep mastery in modern professional knowledge and skills in the field of information and computer technology of design and software development along with intelligent data analysis technologies.

The feature of the program is a high level of training with the opportunity to choose a narrower specialization in domain of the artificial intelligence or information technology of design, advanced study of foreign language during 4 years with the opportunity to obtain an international English certificate APTIS from the British Council on the basis of the university.

The educational-professional program has logical structure, it is characterized by a well-thought-out and balanced structure, contains mandatory and elective parts, rational combination of theoretical and practical training in order to master all types of professional activities necessary for bachelor.

The purpose of the peer-reviewed educational-professional program is to train specialists capable to apply mathematical basics, algorithmic principles in modeling, design and development of information systems and technologies; advanced preparation of students for the development, implementation and maintenance of intelligent information processing systems, decision-making systems, artificial intelligence systems, information technology of design, solving complex specialized problems, and testing of software products.

Peer-reviewed educational-professional program "Computer Science" of the first (bachelor's) level of higher education in the specialty 122 "Computer Science" in the field of knowledge 12 "Information Technology" is comprehensive, meets the current requirements of higher education and can be recommended for implementation in educational process of the National University "Yuri Kondratyuk Poltava Polytechnic".

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