Graduate Model EP – 6B06102 - Computers and software

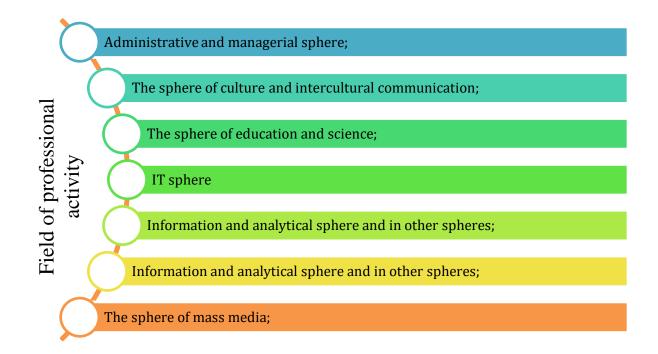
The uniqueness of EP 6B06102 - Computers and softwareconsists in the formation of an innovative integrative graduate model for the capital of Kazakhstan. According to this model, a graduate of OP "6B06102 - Computers and softwareis a modern personality, repre-senting the interaction of social, communicative, general professional and special professional competencies of a specialist, which are formed and developed during the development of theoretical and practical experience of the region.

Graduate in the specialty - 6B06102 - Computers and software:

-applies basic knowledge in the field of natural and engineering sciences, facts, phenomena, theories and complex dependencies in the professional field

- demonstrates knowledge of the basics of electronics, circuit engineering, when programming electronic circuits and devices
- owns technologies for the administration of computer systems and networks, client-server applications and troubleshooting
- has the ability to develop system software for solving engineering and technical problems with the use of innovative technologies
- possesses social and personal qualities: purposefulness, sociability, organization, responsibility, diligence

-applies knowledge of the basics of economics, law and life safety in the field of professional activity



He is able to test and debug software systems of information systems, carry out project certification according to quality standards. Implements skills in developing and storing data in high-tech systems, ensuring network security of stored data. He is able to apply practical skills in choosing architecture and integrating hardware of information systems, working with hardware and softwarehardware complexes of information systems in various fields of application. Develops software applications for Graduate in the specialty management based on modern 6B06102 - Computers and software design methods, tools and technologies Use various types of ICT: Internet He is able to apply various resources, cloud and mobile services approaches in Web programming for for search, storage, processing, the development of Internet projects, protection of information resources, databases and websites, various based on mathematical methods and software applications in a Webalgorithms for solving theoretical and oriented environment, software applied problems. testing.