V. Levonyuk
В.В. Левонюк
БрГУ им. А.С. Пушкина (Брест)
Научный руководитель Л.Е. Левонюк

ACHIEVEMENTS OF IT TECHNOLOGIES IN THE REPUBLIC OF BELARUS

Достижения ИТ-технологий в Республике Беларусь

No coincidence that the Republic of Belarus is nowadays being actively called an IT country: the Belarusian government has made a timely bet on supporting the industry of the future. Decree № 8 of the President of the Republic of Belarus «On the development of the digital economy» creates ideal conditions for the development of the IT industry as a whole. In particular, the technopark «High Technologies Park» (HTP) is successfully operating in the country. Several world-renowned projects have already come out of it, such as World of Tanks, MSQRD, Viber, Maps.me, Prisma and a number of others.

The purpose of this study is to analyze the reasons for the rapid growth and the current state of the information technology sector in Belarus.

Speaking about the reasons for the rapid development of IT in Belarus, experts identify a number of reasons: support at the state level; the availability of a sufficient number of highly qualified personnel in the country; the relatively low cost of Belarusian IT professionals; the Belarusian mentality, which strongly resembles the European one; the constant growth of the number of specialists in the IT field.

This year, seven Belarusian companies were included in the «Global Outsourcing 100» – a rating compiled annually and includes the most successful companies in the world for custom software development and business automation solutions. These companies are: A1QA, Bell Integrator, Ciklum, IBA Group, Intetics, Itransition, SolbegSoft. Each of these companies is known for its products, which bring together hundreds of thousands of users around the world. Note that some of the Belarusian companies that released iconic games, applications and Internet services were not included in this rating. Therefore, next we will make a retrospective of the most important Belarusian IT products. These include: Masquerade, which allows you to apply filters to photos or videos for social networks; World of Tanks, which managed to visit the zenith of world fame, become an esports discipline and still remain popular; Viber, being in the list of top 10 popular messengers; Maps.me, a free mobile application that allows you to download maps and view them without connecting to the Internet.

In addition to high-profile projects that have already earned worldwide fame, there are also young companies in Belarus that are predicted to have a great future. All of the following projects were participants in the TechMinsk acceleration program for startups working with artificial intelligence technologies:

1. PigPug is a brain training system for children with ADHD and autism spectrum disorders, based on technology with proven effectiveness of artificial intelligence.

2. Eightydays.me is a web service for travelers that plans and builds routes to several cities and countries at once.

3. Artyline is a tool for designers and product managers that turns paper sketches into AR layouts which then can be processed and exchanged with other users.

4. Djinn Sensor is a multifunctional multi-sensor that allows you to measure some of the most important parameters of the indoor environment: carbon dioxide content, humidity, light, noise, volatile organic compounds.

All startups have been awarded various national and international awards and continue to develop successfully.

Thus, government support programs for the IT industry in Belarus continue to operate, and the EAEU social programs allow qualified specialists from other countries of the Eurasian Economic Union to cooperate with Belarusian companies. Therefore, in the near future we will certainly see new achievements in the field of information technology in the Republic of Belarus.

A. Litasova
А. Литасова
БГЭУ (Минск)
Научный руководитель Т.Ю. Бергель

GENERATION AI

Поколение ИИ

AI's influence could be profound for the youngest of generations.

In recent years, artificial intelligence (AI) has become an integral part of our daily lives, reshaping industries, transforming communication, and altering the way we interact with technology. For the younger generation, those kids who were born between the late 1990s and early 2010s – often referred to as Gen Z and the emerging Alpha generation— AI is not just a tool; it is a defining aspect of their upbringing and identity. AI will be hugely influential on the lives of generation alpha, born between 2010–2024, in much the same way that smartphones and social media have shaped the lives of gen Zers.

This abstract explores the multifaceted influence of AI on young people today, examining its impact on education, social interactions, creativity, and ethical considerations.

One of the most significant ways AI has influenced the younger generation is through education. Traditional learning models are being transformed by AI-powered tools that personalize learning experiences. Platforms like Khan Academy and Duolingo utilize algorithms to adapt lessons to individual student needs, allowing learners to progress at their own pace. This personalized approach not only increases understanding, boosts engagement and makes learning more enjoyable.