qubits to lose their coherence. The process of decoherence, which presents a significant hurdle in the development of quantum computers, is well-recognized.

Quantum computers represent a significant breakthrough in the field of computing. They have the potential to revolutionize many fields, including optimization, cryptography, and drug discovery. Despite the potential of quantum computers, numerous challenges must be addressed before they can achieve widespread use. Despite these challenges, the possibilities and potential of quantum computers are truly remarkable.

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STUDYING FOR A SOFTWARE ENGINEER AT BNTU
student Stalbovskiy E.V.
scientific supervisor – lecturer Samusevich A.S.
Belarusian National University of Technology
Minsk, Belarus

Belarusian National Technical University (BNTU) is a prestigious institution that offers a comprehensive curriculum for aspiring software engineers. The university's program is designed to provide students with a strong foundation in computer science and programming, making them well-equipped to enter the workforce upon graduation.

One of the unique aspects of studying programming at BNTU is the university's practical approach to education. The program includes numerous practical assignments and projects, allowing students to gain hands-on experience in software development and apply their knowledge in real-life situations. This approach enables students to develop a practical understanding

of programming and prepares them for the challenges they may face in the workplace.

In addition to its practical approach to education, BNTU employs a team of experienced professors and industry professionals. These faculty members have deep knowledge of programming and can provide students with valuable insights into the field. They also offer mentorship to students and help them develop their skills and knowledge.

Furthermore, BNTU has a strong partnership with leading tech companies, providing students with opportunities for internships and employment after graduation. These collaborations allow students to gain practical experience and develop their skills in a real-world setting, giving them a competitive advantage in the job market.

Another unique aspect of BNTU's program is the university's commitment to innovation. The program regularly updates its curriculum to stay up-to-date with the latest trends and developments in the field of programming. This ensures that students are learning the most relevant skills and technologies and are well-prepared to meet the demands of the modern tech industry.

In conclusion, studying programming at BNTU is an excellent choice for students who want to pursue a career in software engineering. The university's practical approach to education, experienced faculty, industry partnerships, and commitment to innovation make it a unique and valuable learning experience for aspiring programmers. Graduates of the program are well-prepared to enter the workforce and make significant contributions to the tech industry.