



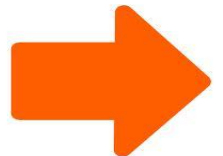
Taraz State University
faculty of «Informational technologies, Automatics and
telecommunications »



Theme: My future occupation

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<i>SPECIALIZATION:</i>	<i>Informatics</i>
<i>COURSE:</i>	<i>3</i>
<i>PERFORMED:</i>	<i>Atajanov B</i>
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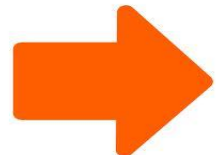




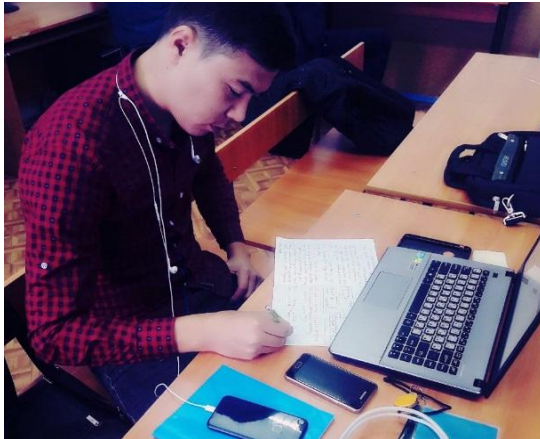
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Information



I want to become a computer programmer. I am interested in computers. It is a whole new world.

Many people continue careers of their parents or grand parents but it is not the case with me. My mother is a teacher and my father is a teacher. But I have a computer at home and can spend hours working at it.

It is much easier to do things on computer, for example to write a composition. You can change the text as many times as you want and you don't need to rewrite everything if you changed something.

I think that the profession of programmer can give many opportunities. Computers are the most rapidly changing sphere of modern technology. We are living in the age of information. And I think that the future is just filled with computers.



Main part



Computer engineering began in 1939 when [John Vincent Atanasoff](#) and [Clifford Berry](#) began developing the world's first electronic digital computer through [physics](#), [mathematics](#), and [electrical engineering](#). John Vincent Atanasoff was once a physics and mathematics teacher for [Iowa State University](#).



WHAT IS A COMPUTER SPECIALIST?

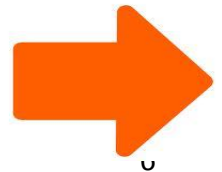
In the computer industry, there are many jobs available. The jobs in the computer field are often geared toward certain specialties. Computer specialists are often found installing, maintaining and repairing computers.



Computer Repair Specialist



The computer specialist who specializes in repair often works at his own business, similar to that of a car mechanic. Many corporations and even small businesses utilize on-site computer specialists to repair hardware, software and even some networking issues employees may have with their computers.

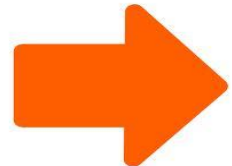


Certification of Computer Specialists



Computer specialists are usually, though not always, certified through national certification organizations, as well as vendor-specific certification.

They need to be competent and proficient in the installation, maintenance and repair of the computer and many of its components.

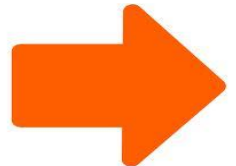


Education Requirements of Computer Specialists



Many computer specialists hold a degree in computer science or related course work from a college or trade school. While many computer specialists hold a degree,

some computer specialists pursue industry certifications through independent study and successful completion of industry certification exams.



Salary of Computer Specialists



Many computer specialists who work for a corporation or small business are paid either an hourly rate or salary just as any other employee within the company. Computer specialists who own their own computer service shop often are paid on a case-by-case basis for the costs of parts, labor and services, much like auto mechanics.

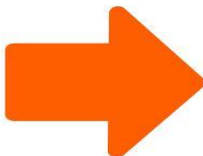


Jack of All Trades



While computer specialists usually specialize in installing and maintaining hardware, the computer specialist usually carries a wealth of knowledge about everything concerning computers.

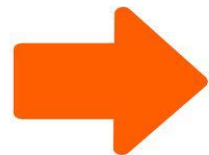
This is an advantage to the client because clients often feel comfortable interacting with one person rather than many people when dealing with computer problems.



Job Duties of Computer Specialists



The computer specialist may provide on-site support, installation and maintenance. The computer specialist may also provide phone support to guide the user through diagnostic and repair procedures for many computer problems.





Glossary



computer science - *Using the power of computers to solve problems.*

data - *Information. Often, quantities, characters, or symbols that are the inputs and outputs of computer programs.*

function - *A piece of code that you can easily call over and over again.*

program - *An algorithm that has been coded into something that can be run by a machine.*

programming - *The art of creating a program.*

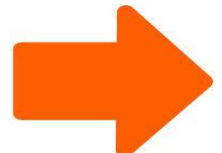
website - *A collection of interlinked web pages on the World Wide Web.*

servers - *Computers that exist only to provide things to others.*

output - *A way to get information out of a computer.*

input - *A way to give information to a computer.*

click - *Press the mouse button.*





Conclusion

When computers started coming out, computer companies need people to program operating systems and programs for them. Seeing that you sat at a desk all day, it was seen as a easy career choice, but with little pay. So computer programming as a career, was dominated by women in the 60s. Soon though, men dominated the field through discrimination and needs for a job. The Job field was getting paid more so companies wanted to hire “higher quality” employees, and that meant men, in that time men were seen as better workers, because they didn't have to deal with children. Also as programming became more complex, a math degree was needed.



**THANK YOU FOR YOUR
ATTENTION!**

