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Infographic: Be a STEM Professional

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FLEXING THE STEM MUSCLE

SOME TOP STEM CAREERS

Software Developer
MEDIAN SALARY: $101,790
Software developers create a lot of the technology we use today. For example, software developers helped design banking apps that allow you to check your statement, check your credit score, and transfer funds!

Civil Engineer
MEDIAN SALARY: $84,770
Have you ever wondered how an incredible building such as the Burj Khalifa in Dubai is built? Civil engineers are responsible for creating some of the world's most amazing infrastructures. Within engineering, civil is one of the largest sectors.

Mathematician
MEDIAN SALARY: $104,860
Some mathematicians conduct research and develop theories for us. Others use applied mathematics to solve our everyday problems. Many mathematicians work in private science and engineering research companies alongside engineers, scientists and other professionals.

Biomedical Engineer
MEDIAN SALARY: $88,040
Biomedical engineers research and develop solutions to our medical and biological problems. They use their engineering principles to develop new devices, therapies, and diagnostic tools to treat medical problems. One example is a bionic hand that can sense and feel!

Statistician
MEDIAN SALARY: $84,060
Statisticians analyze data and apply mathematical models to solve our real-world problems. They also help companies make decisions based on data. As a statistician you can possibly drive the next big decision and work in almost any field.

SOURCE: U.S. NEWS AND WORLD REPORT
*TOP CAREERS BASED ON FACTORS SUCH AS UNEMPLOYMENT RATE, JOB SATISFACTION, MEDIAN SALARY, ETC.
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Mechanical engineers are very versatile as they design, develop, build, and test many devices for us including tools, engines and machines. Many mechanical engineers work in industries that manufacture machinery or automotive parts.

**Mechanical Engineer**

**MEDIAN SALARY:** $85,880

Biochemists dive into the chemical processes of living organisms. They apply their knowledge of chemistry to perform experiments that decipher our biological problems. Biochemists typically work in labs to analyze experimental results.

**Biochemist**

**MEDIAN SALARY:** $91,190

Industrial psychologists apply principles of psychology to the workplace. They are responsible for employee training and development as well as policy planning. They also collaborate with management to organize work settings so our happiness and productivity are highest.

**Industrial Psychologist**

**MEDIAN SALARY:** $87,100

As a professional security analyst, you plan and execute security measures to protect an organization’s networks and computer systems from infiltration and cyber attacks. In today’s world, security specialists are more important than ever.

**Information Security Analyst**

**MEDIAN SALARY:** $95,510

Environmental engineers use their expertise to prevent, control, or remediate any environmental hazards. As an environmental engineer you work to make the world a better place.

**Environmental Engineer**

**MEDIAN SALARY:** $86,800

**QUICK FACTS:**

- 93 OUT OF 100 STEM OCCUPATIONS HAVE WAGES ABOVE THE NATIONAL AVERAGE
- STEM JOBS ACCOUNT FOR MORE THAN HALF THE EMPLOYMENT IN FIVE INDUSTRIES
- SEVEN OUT OF THE TEN LARGEST STEM OCCUPATIONS ARE COMPUTER RELATED
- STEM OCCUPATIONS HAVE HAD ABOVE AVERAGE GROWTH COMPARED TO NON-STEM

Source: U.S. Bureau of Labor and Statistics