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Biochemical Engineer

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Biochemical Engineer

Studies chemical processes that take place within living things. Biochemists generally work in a laboratory or an office, conducting experiments and analyzing results.

Key Qualities:

- Chemistry Focused
- Problem Solver
- Knowledge of living things at the cellular level

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Chemist

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Chemist

Studies various chemical elements, their properties and how they work together in our bodies and the world around us.

Key Qualities:

- In depth understanding of and passion for science and chemistry
- Very detail oriented
- Often work alone in a laboratory

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Community Engagement

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Community Engagement

Organizes community outreach activities and makes sure the company and its employees have a positive impact on the community.

Key Qualities:

- Good communication skills
- Understanding of local community needs
- Works with many different departments in the company and organizations in the community.

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Epidemiologist

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Epidemiologist

Investigates the cause and factors related to health problems in communities or societies. Evaluates effectiveness of new drugs or tracks the spread of a disease to prevent further infection in a population.

Key Qualities:

- Statistics and biology knowledge
- Work as part of a larger team
- Enjoys investigation and research

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Global Enterprise Excellence

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Global Enterprise Excellence

Focuses on bringing all aspects of an organization into the same improvement and management system.

Key Qualities:

- Takes a logical approach to problem solving.
- High level of patience required.
- Must keep up-to-date with technological advances

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Digital Creative Specialist

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Digital Creative Specialist

Uses their artistic skills to help businesses sell their products or services. They use computers to make new images, design packaging, create websites and produce brochures.

Key Qualities:

- Artistic ability and computer science familiarity
- Imaginative and creative thinking
- Works on a computer most of the time

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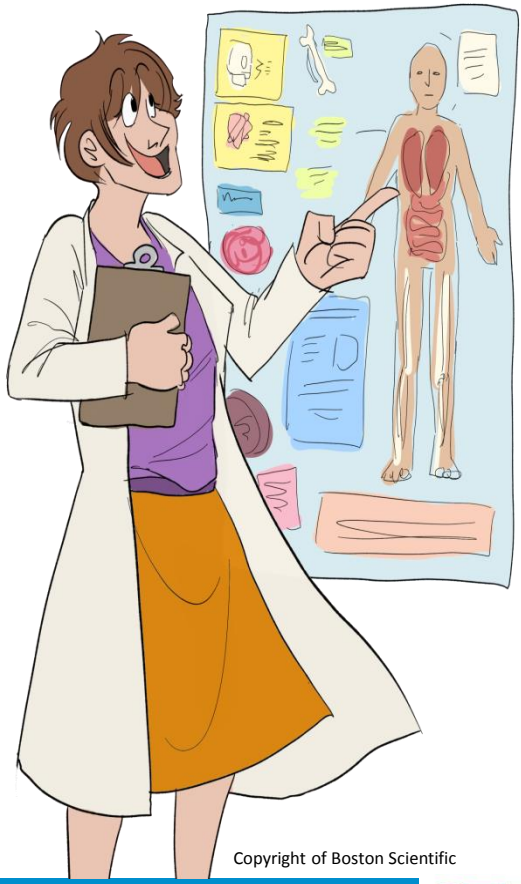

Medical Scientist

STEM SCIENCE TECHNOLOGY ENGINEERING MATH

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Medical Scientist

Researches causes and treatments for diseases. Collects and analyzes various medical samples, tests drugs and medical equipment to improve public health.

Key Qualities:

- Often works in a laboratory
- Must follow safety guidelines when studying a disease
- Knowledge and understanding of the human body

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R&D Engineer

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R&D Engineer

Analyzes processes and conducts experiments to determine ways to improve products.

Key Qualities:

- Takes a logical approach to problem solving
- High level of patience required
- Must keep up-to-date with technological advances

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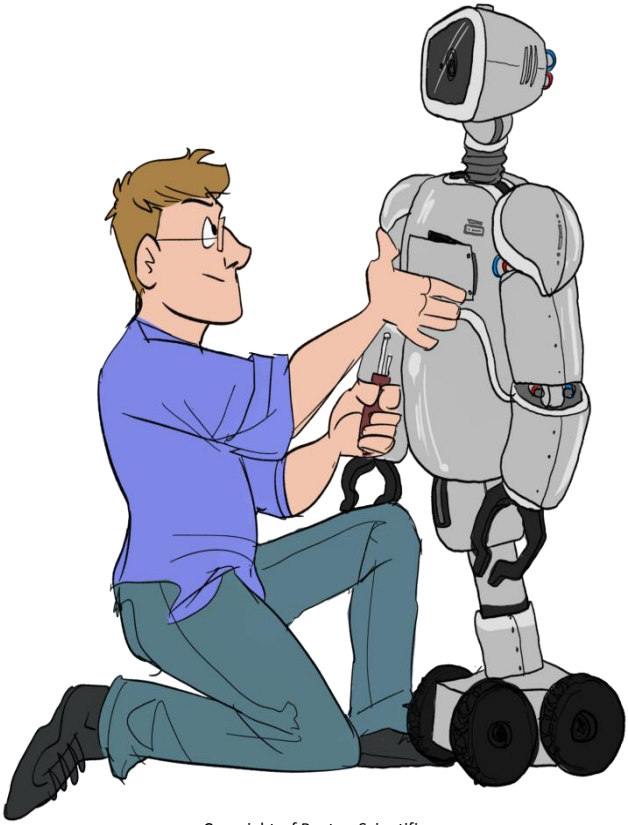

Robotics Engineer

STEM SCIENCE TECHNOLOGY ENGINEERING MATH

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Robotics Engineer

Designs, builds, and tests robots and robotic systems to meet certain requirements or perform certain tasks.

Key Qualities:

- Uses creativity to problem solve
- Must have computer programming Skills
- Often works in teams

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Validation Engineer

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Validation Engineer

Tests the equipment or programs used to develop or manufacture products. Designs new methods for products to be manufactured so that they better meet quality standards.

Key Qualities:

- Attention to detail
- Creative problem solving skills
- Knowledge of quality standards

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Computer Programmer

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Computer Programmer

Creates, changes, and tests code that allows computer programs to run efficiently and properly.

Key Qualities:

- Creative problem solving skills
- Attention to detail
- Spends majority of the day on the computer

STEM SCIENCE TECHNOLOGY ENGINEERING MATH

Biochemist

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Biochemist

Studies the chemical and physical qualities of living things and of biological processes such as cell development and growth.

Key Qualities:

- Spends a lot of time in a lab
- Works with experts in other fields
- Must understand the living world and the chemical world

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Health & Safety Engineer

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Health & Safety Engineer

Ensures organizations are following health and safety laws and regulations to protect employees in the work place and prevent injuries.

Key Qualities:

- Understanding of local health and safety laws
- Strong Investigative skills
- Often works independently

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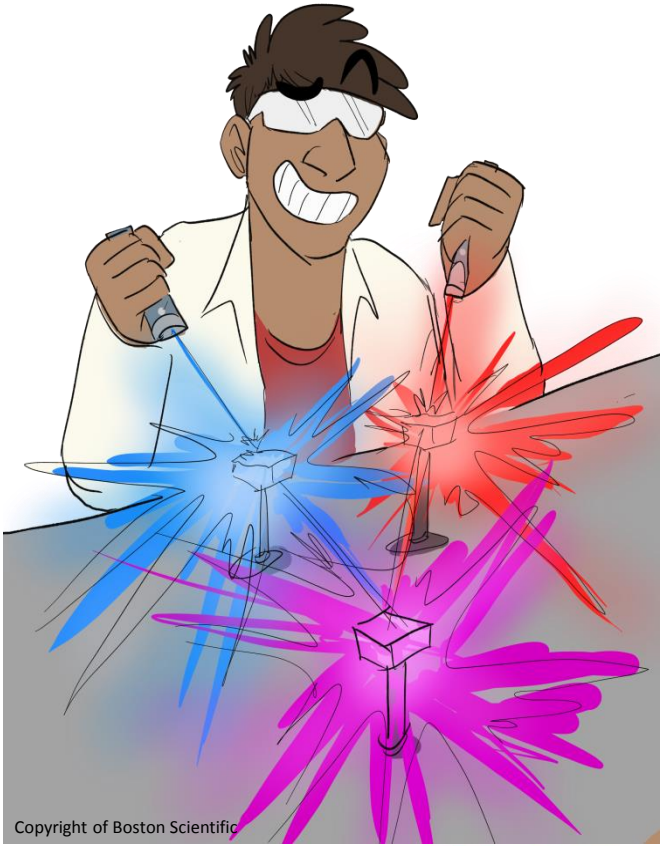

Photonic Engineer

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Photonic Engineer

Creates and improves systems that use lasers, optics, fiber optics and imaging.

Key Qualities:

- Develops and tests experimental products
- Must stay up to date with new research and findings
- Creative and curious

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Material Scientist

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Material Scientist

Researches and studies the properties of different materials including metals, rubber, ceramics, polymers, etc.

Key Qualities:

- Spends most of their time in the laboratory
- High level of curiosity
- Understand the latest advances in technologies

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Quality Systems

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Quality Systems

Monitors production processes to ensure that people and machinery are performing properly.

Key Qualities:

- Imaginative and good at creative reasoning
- Must have a high standard of ethics and integrity
- Works with software development used in all aspects of a company
-

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Quality Control Analyst

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Quality Control Analyst

Conducts tests to study the quality of materials or finished products. Ensures that all materials are up to quality standards based on industry or legal regulations.

Key Qualities:

- Knowledge of standards and regulations that are often changing
- Attention to detail
- Strong math and computer skills

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Product Analyst

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Product Analyst

Manages complaints on products and reports serious incidents or problems to the federal government.

Key Qualities:

- Familiar with local laws and regulations
- Strong written and verbal communication skills
- Frequently communicates with doctors about product performance

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Electrical Engineer

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Electrical Engineer

Researches, designs and tests electrical equipment and systems like circuits and computer chips.

Key Qualities:

- Uses critical thinking in designing
- Expertise in mathematics
- Strong attention to detail

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Environmental Engineer

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Environmental Engineer

Designs ways to prevent and control pollution, provide clean water, prevent global warming, and improve the overall environment.

Key Qualities:

- Works in a variety of locations
- Familiar with current environmental issues
- May have exposure to extreme weather or chemicals

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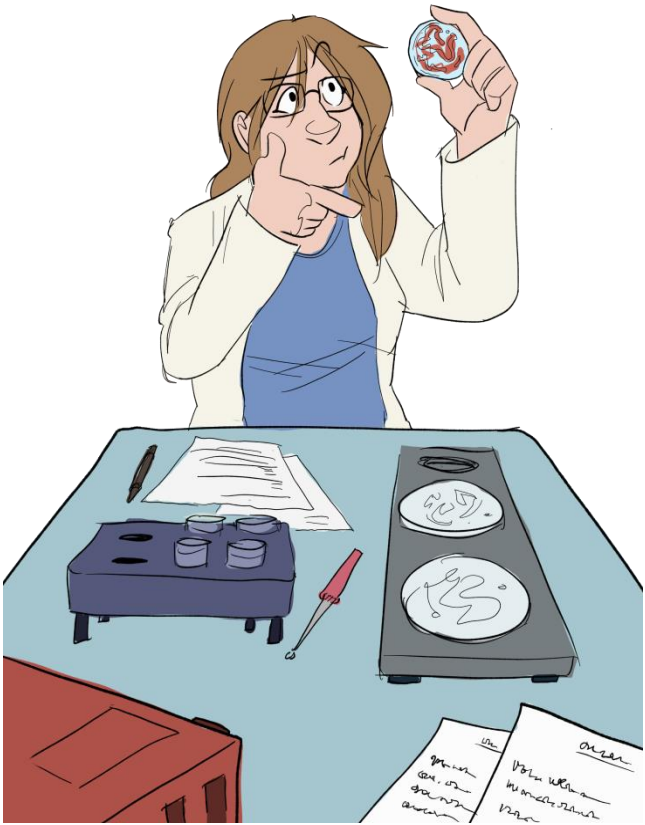

Microbiologist

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Microbiologist

Studies microbes such as bacteria, fungi, and viruses. They study how the microbes interact with the world around them and how we can make use of these interactions.

Key Qualities:

- Often works in a laboratory
- Good writing skills for detailed documentation
- Works with a range of technologies

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Technical Writer

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Technical Writer

Prepares instruction manuals, how-to guides, journal articles, and other supporting documents to easily communicate complex and technical information.

Key Qualities:

- At a computer most of the time
- Good communication and writing skills
- Strong technical knowledge

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