

I am the *Future* of **STEM**

[CAREER EXPLORATION PROJECT]

1. **Pick a STEM career** that interests you from this pack.
2. **Add your photo** to the career poster.
3. **Share your poster** with a partner, small group, or the class and tell them why you chose that career.

Want to keep exploring?

Complete the **"My Future Career"** (page 24), learn more about your career, and present what you discovered.

Looking for a different career?

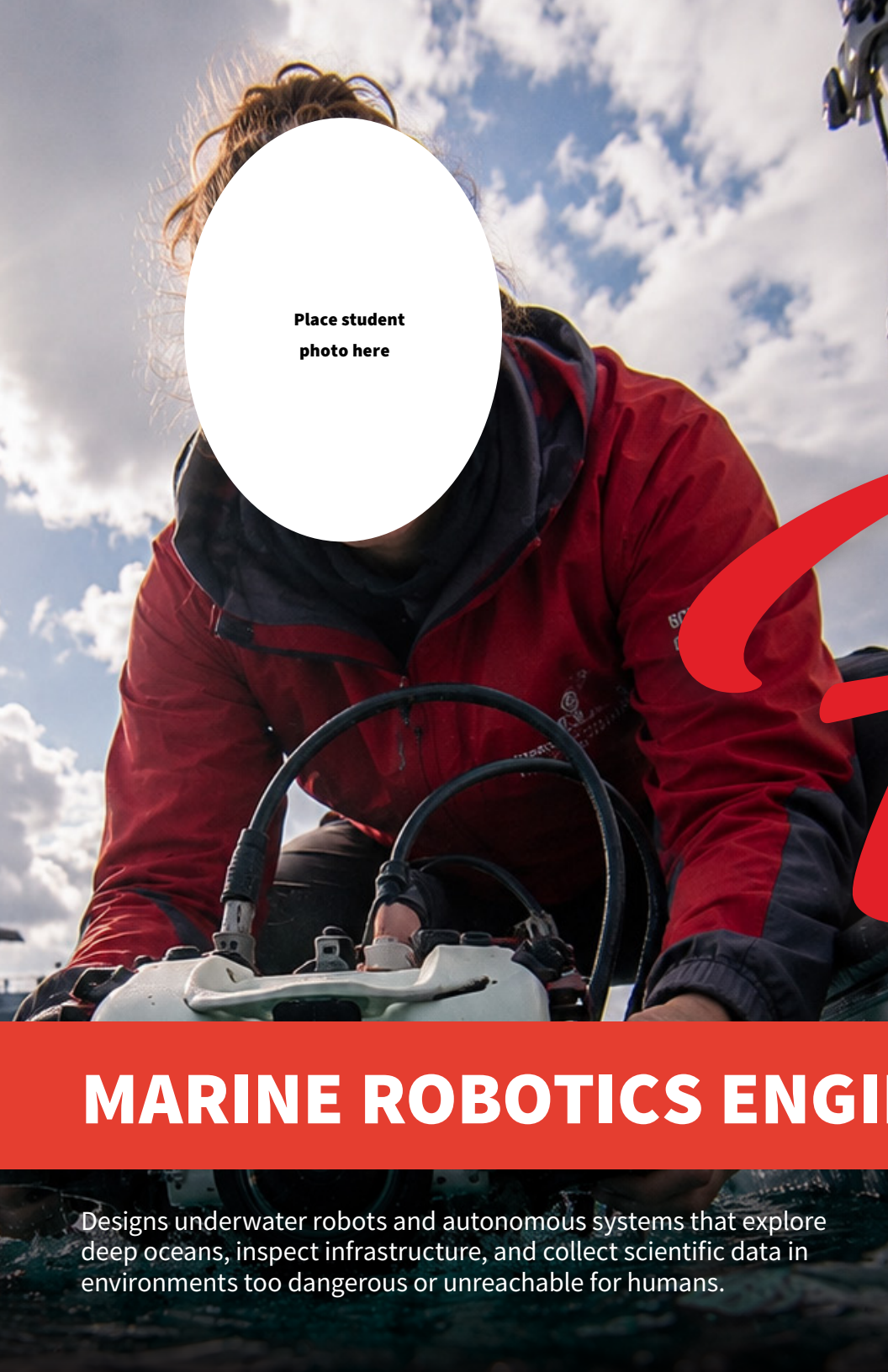
Use the [Blank STEM Career Template](#) to research and create your own.

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learn more at [AccelerateLearning.com](https://www.AccelerateLearning.com)

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MARINE ROBOTICS ENGINEER

Designs underwater robots and autonomous systems that explore deep oceans, inspect infrastructure, and collect scientific data in environments too dangerous or unreachable for humans.

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FORENSIC ANTHROPOLOGIST

Analyzes human remains to identify individuals, determine cause of death, and assist criminal investigations, disaster recovery efforts, and historical or archaeological research.



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- Dawn Chorus Recording
- River Hydrophone Deployment
- Species ID
- Data Backup

Recording Schedule:

- 05:00 - 07:00
- 12:00 - 14:00
- 18:00 - 20:00



THANK YOU

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BIOACOUSTICIAN

Studies animal sounds to understand communication, migration, and behavior, using underwater and land recordings to monitor ecosystems and track environmental change over time.

A student in an orange lab coat is working on a prosthetic arm in a workshop. The student's face is obscured by a white oval placeholder. In the background, there are various tools and diagrams on the wall.

Place student
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PROSTHETICS DESIGNER

Creates artificial limbs and assistive devices using engineering and anatomy to restore mobility, independence, and quality of life for people with physical differences.

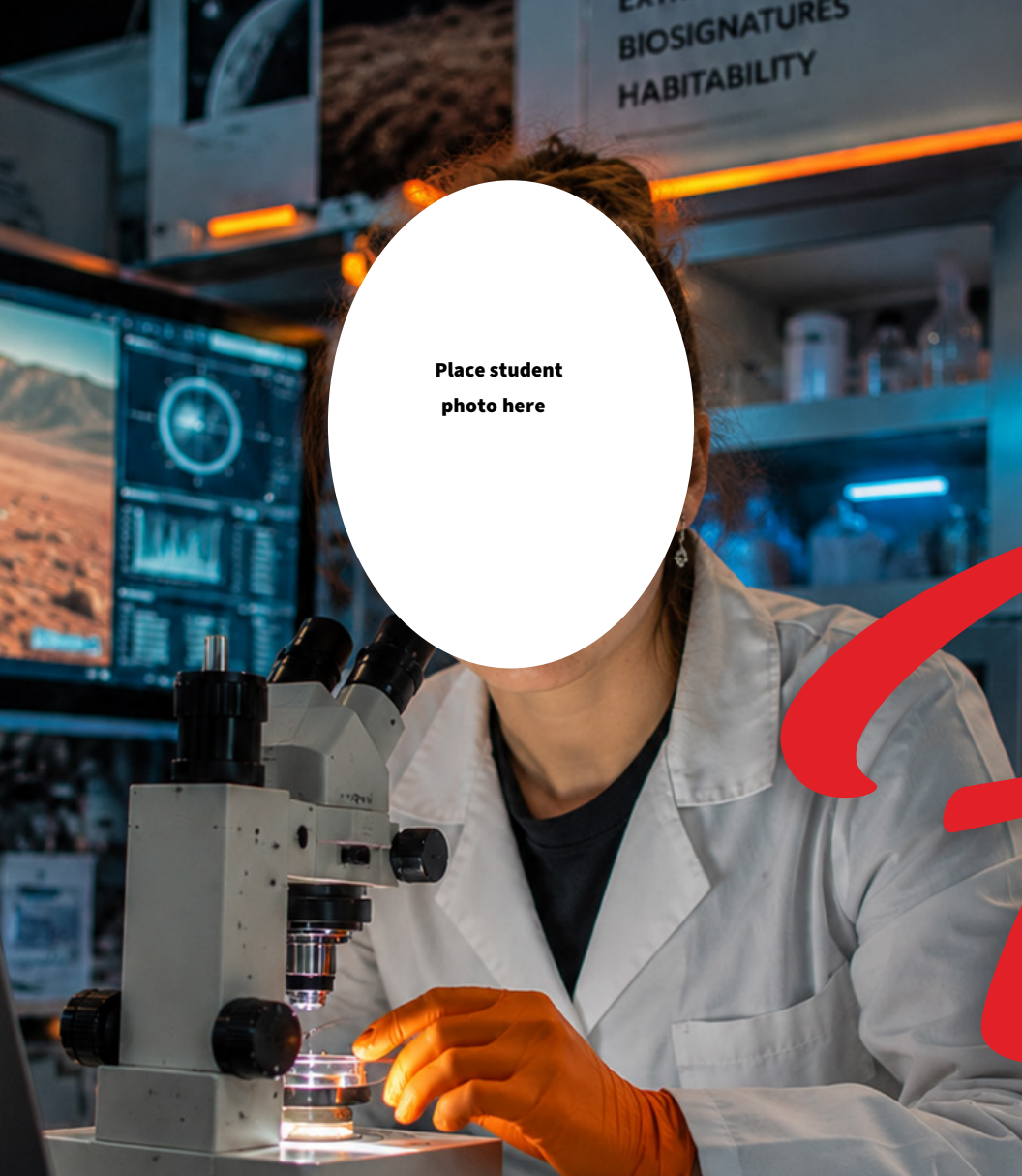


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SPACE ARCHAEOLOGIST

Uses satellite imaging and remote sensing to locate ancient sites, buried structures, and cultural landscapes without excavation, preserving fragile heritage across vast regions.

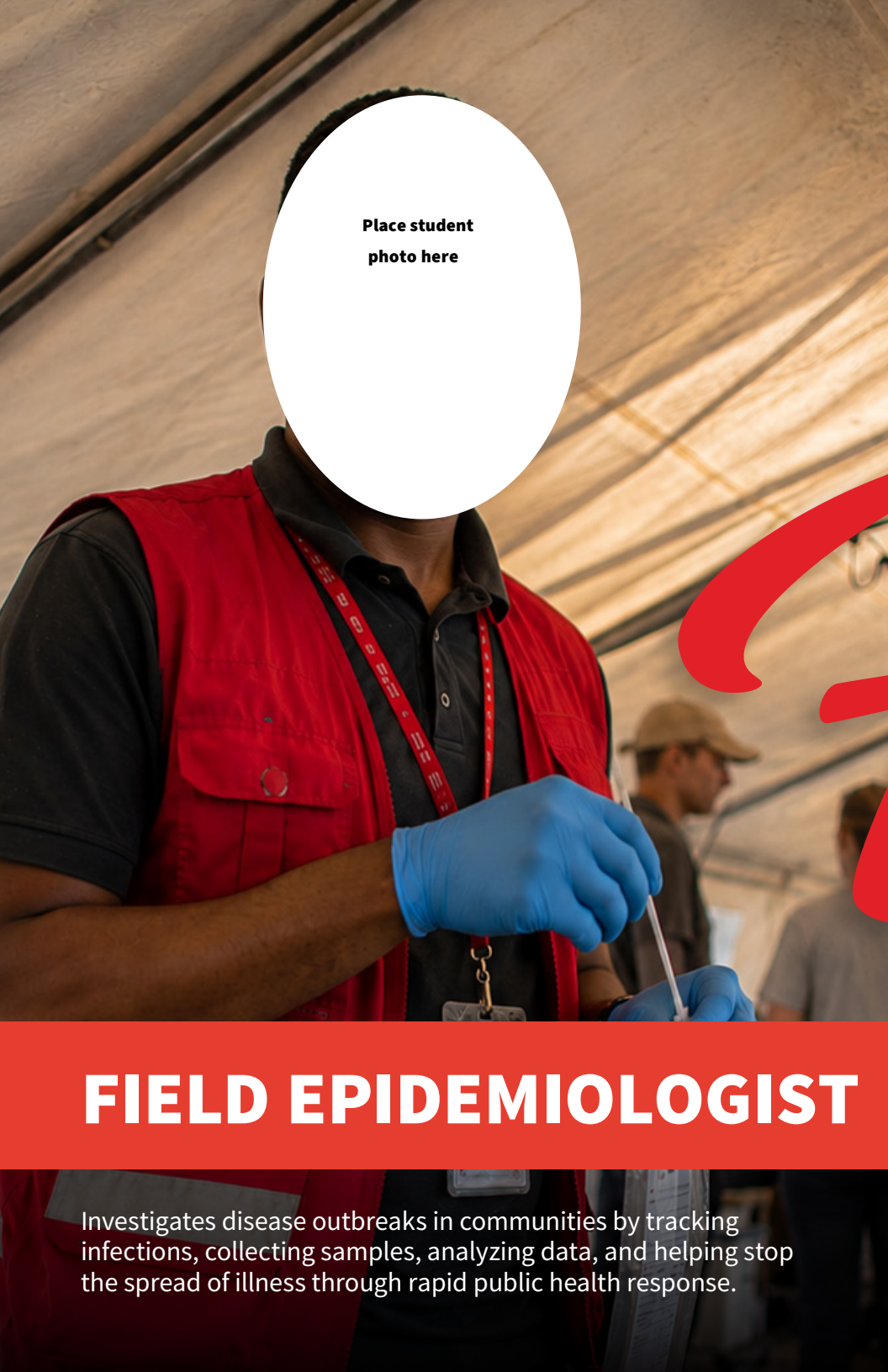


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ASTROBIOLOGIST

Studies how life forms, survives, and might exist beyond Earth by examining extreme environments, planetary chemistry, and potential habitats on Mars and icy moons.

A person wearing a red safety vest over a dark polo shirt and blue nitrile gloves is using a pipette. They are standing in front of a large, translucent tent structure. In the background, another person wearing a cap is visible. The person's face is obscured by a white oval placeholder.

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FIELD EPIDEMIOLOGIST

Investigates disease outbreaks in communities by tracking infections, collecting samples, analyzing data, and helping stop the spread of illness through rapid public health response.



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CONSERVATION GENETICIST

Uses DNA analysis to study biodiversity, protect endangered species, guide breeding programs, and help ecosystems adapt to environmental change and habitat loss.

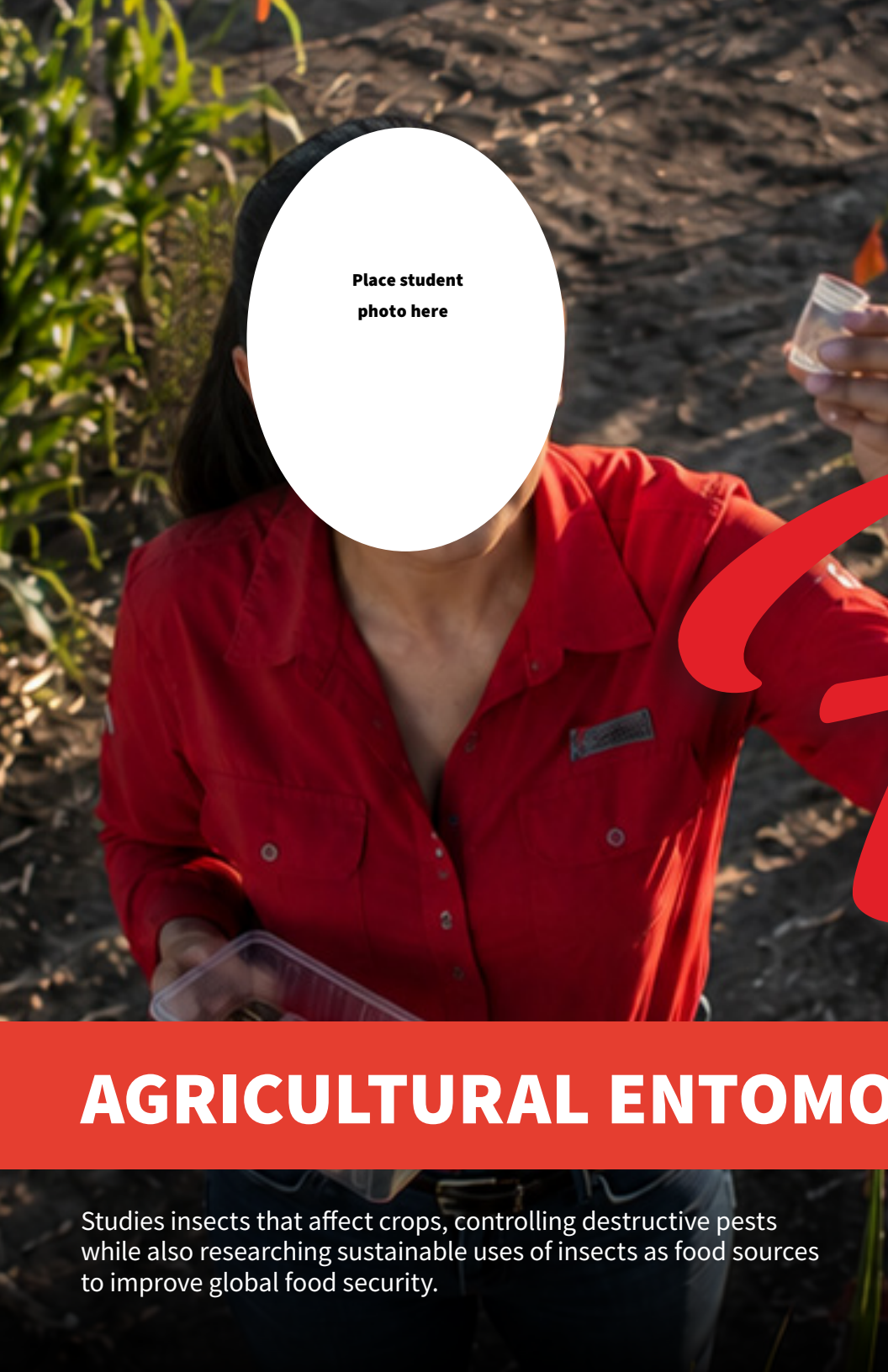


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VOLCANOLOGIST

Monitors volcanic activity by studying magma, gases, and seismic signals to predict eruptions and reduce risks to nearby communities, aviation routes, and ecosystems.

A person wearing a red button-down shirt is standing in a field of tall green plants. They are holding a small clear container in their right hand and a larger clear container in their left hand. Their face is obscured by a white oval placeholder.

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AGRICULTURAL ENTOMOLOGIST

Studies insects that affect crops, controlling destructive pests while also researching sustainable uses of insects as food sources to improve global food security.

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CRYPTOGRAPHER

Develops codes and encryption systems that protect sensitive information, secure online communications, and defend financial transactions and national security using advanced mathematics.

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SPORTS DATA ANALYST

Uses statistics and predictive modeling to evaluate player performance, develop game strategies, improve training, and support coaching decisions across professional and collegiate sports.



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GEOSPATIAL INTELLIGENCE ANALYST

Uses geometry, mapping, satellite imagery, and data analysis to identify patterns, monitor environmental change, support emergency response, and inform national security decisions.

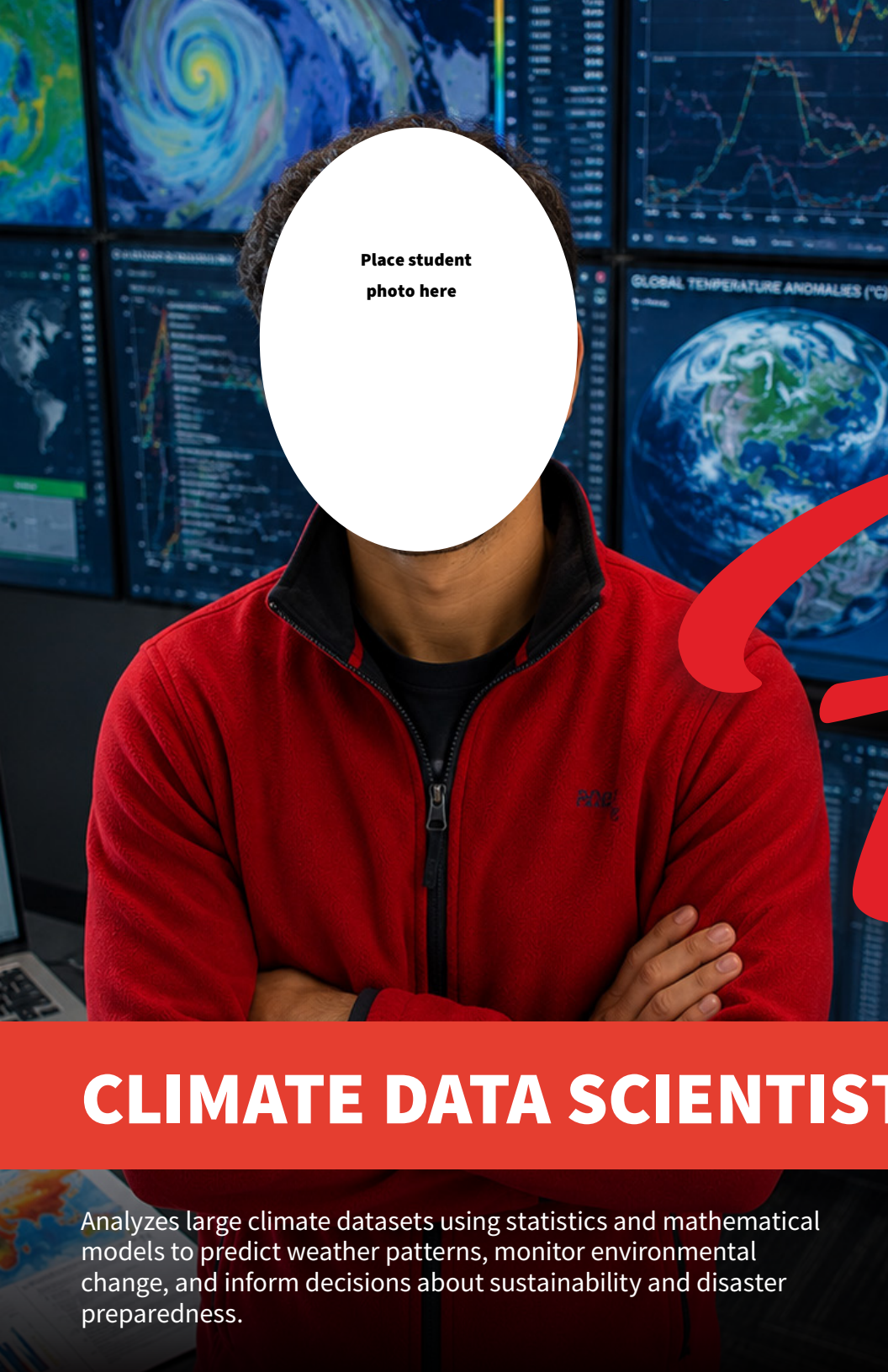


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THEME PARK RIDE ENGINEER

Applies geometry, physics, and mathematical modeling to design safe, exciting roller coasters and attractions while calculating speed, force, height, and structural performance.

A student with their face obscured by a white oval, wearing a red zip-up jacket, stands with arms crossed in front of a wall of multiple computer monitors. The monitors display various climate-related data, including a large weather map with a prominent cyclone, line graphs of temperature anomalies, and a globe. The background is a light blue gradient on the right side of the image.

Place student
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CLIMATE DATA SCIENTIST

Analyzes large climate datasets using statistics and mathematical models to predict weather patterns, monitor environmental change, and inform decisions about sustainability and disaster preparedness.



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VIDEO GAME DEVELOPER

Designs and builds interactive video games by combining coding, mathematics, storytelling, and creative design. They create characters, gameplay, and virtual worlds while solving complex technical challenges to bring ideas to life.

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TOY ENGINEER

Designs and develops toys that are fun, safe, and engaging by combining engineering, creativity, and problem-solving. They test materials, build prototypes, and use science and technology to turn imaginative ideas into products enjoyed by children around the world.



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PALEONTOLOGIST

Studies fossils to uncover the history of life on Earth, learning how plants and animals lived millions of years ago. By analyzing rocks, bones, and ancient environments, they help scientists understand evolution, climate change, and Earth's past.



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METEOROLOGIST

Studies the atmosphere to forecast weather, monitor severe storms, and help keep communities safe. Using satellite imagery, radar, and computer models, they analyze weather patterns to predict conditions that affect daily life.

A student in a red Stanford Engineering jacket is working on a robot arm in a lab. The student's face is obscured by a white oval placeholder. The background shows a large industrial-style building with a glass facade.

Place student
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ROBOTICIST

Designs, builds, and programs robots that solve real-world problems in industries like healthcare, manufacturing, agriculture, and space exploration. They combine engineering, computer science, and artificial intelligence to create machines that can perform tasks safely and efficiently.



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ENTOMOLOGIST

Studies insects to understand their behavior, life cycles, and impact on people, plants, and ecosystems. Their research helps improve agriculture, protect pollinators, control pests, and support environmental conservation.

Place student
face here

Place STEM professional
image in this picture
frame.

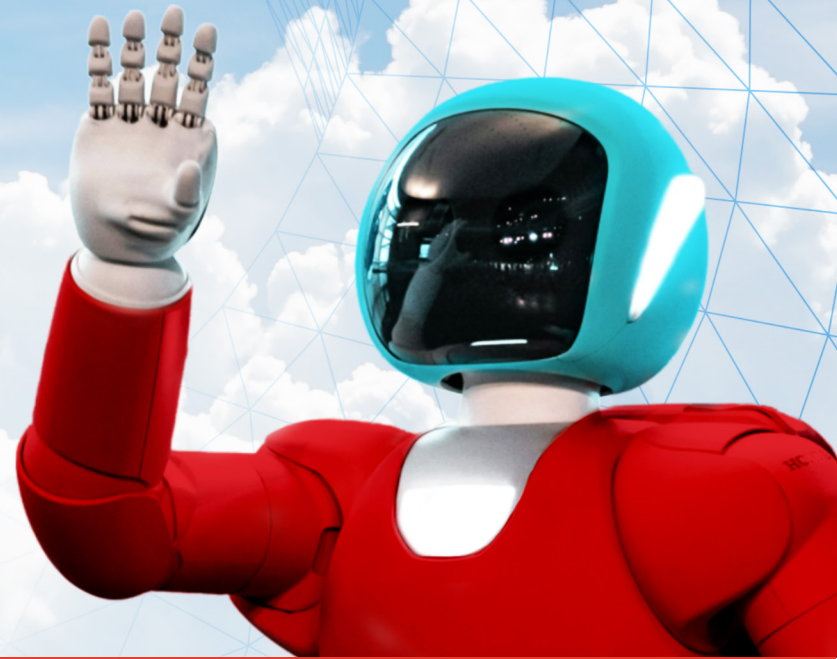
[Click here here for
blank template](#)

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PLACE TITLE HERE

Write your STEM professional description here.

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FUTURE CAREER IN:
