

# Microsoft career PATHFINDER



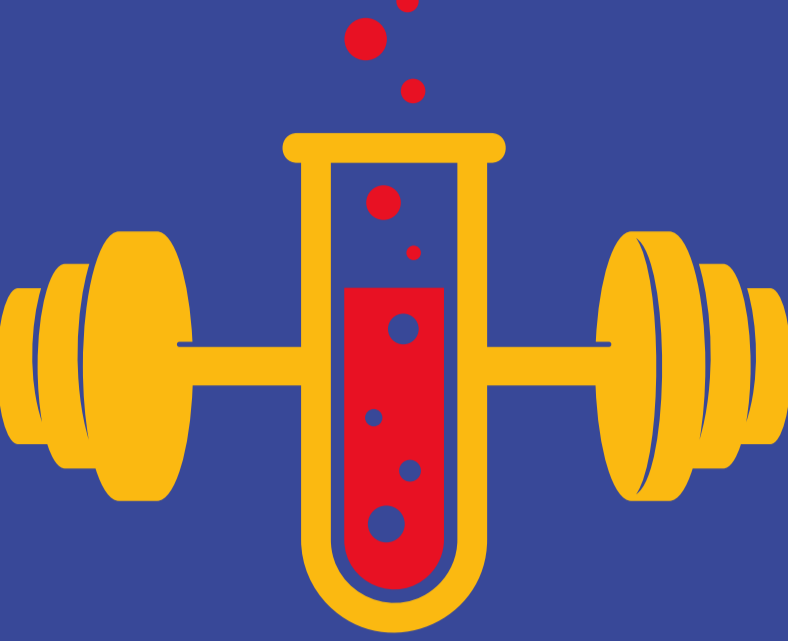
You may not know it yet, but your interests today could be a Science, Technology, Engineering or Math (STEM) job of tomorrow.

How can YOU prepare yourself for what the future world of work has in store? Use this resource to turn your passion into action and explore jobs that could help you change the world.

## If you're passionate about:

### SPORTS

Today 10% of jobs in sports fields require STEM skills



#### JOBS AVAILABLE TODAY

##### Sports Engineer

Researches and develops technologies for the sports industry

#### IN THE FUTURE

##### Visual Engineer

Will use data and mixed reality to predict and visualise scenarios before they occur on the sports field

#### TOP STEM DEGREES TO PURSUE

Biology, Mechanical Engineering, Science, Sport Science, Computer science

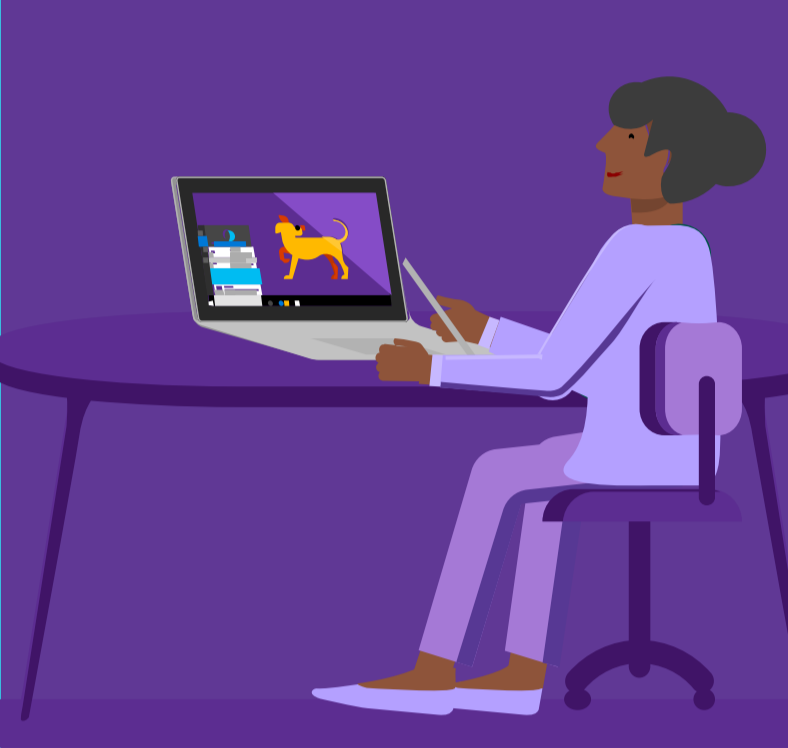
#### OTHER IMPORTANT SKILLS

Computational thinking, collaboration



### ANIMALS

Today 13% of jobs in animal fields require STEM skills



#### JOBS AVAILABLE TODAY

##### Habitat Specialist

Analyses animal behaviour in their habitats to design zoo exhibits and aquariums

#### IN THE FUTURE

##### AI expert in Veterinary Science

Will use AI to predict animal health outcomes

#### TOP STEM DEGREES TO PURSUE

Engineering, Biology, Science, Computer Science, Veterinary Science, Zoology

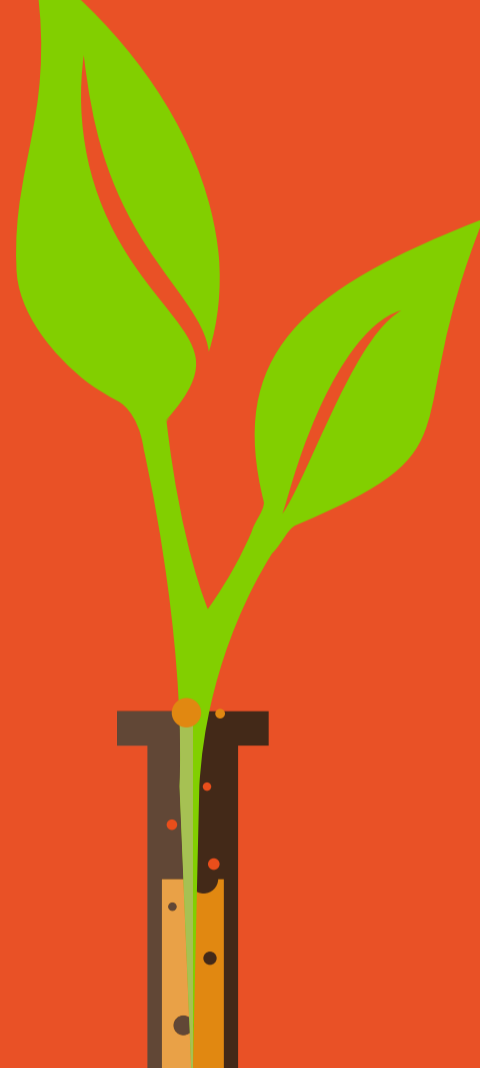
#### OTHER IMPORTANT SKILLS

Computational thinking, emotional intelligence, critical thinking, creativity, complex problem solving, judgement and decision making



### ENVIRONMENT

Today 17% of jobs in environmental fields require STEM skills



#### JOBS AVAILABLE TODAY

##### Landscape Architect

Blends technology and ecology to design environmentally-friendly communities

#### IN THE FUTURE

##### Solar Architect

Will design efficient housing, build solar vehicles, or invent standardised eco-friendly packaging for consumer goods

##### Rewilding Strategist

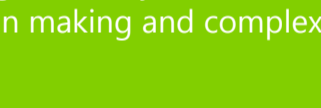
Will help create resilient and vibrant landscapes in the face of advancing climate change

#### TOP STEM DEGREES TO PURSUE

Science, Engineering, Ecology, Botany, Zoology

#### OTHER IMPORTANT SKILLS

Computational thinking, creativity, collaboration, judgement and decision making and complex problem-solving



### HUMANITY & FOOD (Or both)

Today 16% of jobs in humanitarian fields and 15% of jobs in food require STEM skills



#### JOBS AVAILABLE TODAY

##### Food Scientist

Conducts food safety experiments using technology

##### Urban Planner

Uses modelling programmes to rid cities of food shortages

#### IN THE FUTURE

##### Sustainability Nano-Chemist

Will use AI and machine learning to develop clean nutrition supplements to feed the hungry in impoverished areas

#### TOP STEM DEGREES TO PURSUE

Biology, Chemistry, Computer Science

#### OTHER IMPORTANT SKILLS

Computational thinking, people management, emotional intelligence, collaboration, complex problem-solving



### MEDICINE OR ASTROLOGY (Or both)

Today 41% of jobs in medicine and 51% of jobs in space and astrology require STEM skills



#### JOBS AVAILABLE TODAY

##### Data Scientist & Space Physician

Understands how gravity, radiation, and extended trips through the atmosphere impact human health

#### IN THE FUTURE

##### Interplanetary Physician

Will use robots to perform medical procedures in space or even start the first human-run medical facility on the Moon.

##### Space Junk Archaeologist

Will conduct guided tours of abandoned spacecraft and defunct satellites, while also collecting, archiving and deciphering each recovered item.

#### TOP STEM DEGREES TO PURSUE

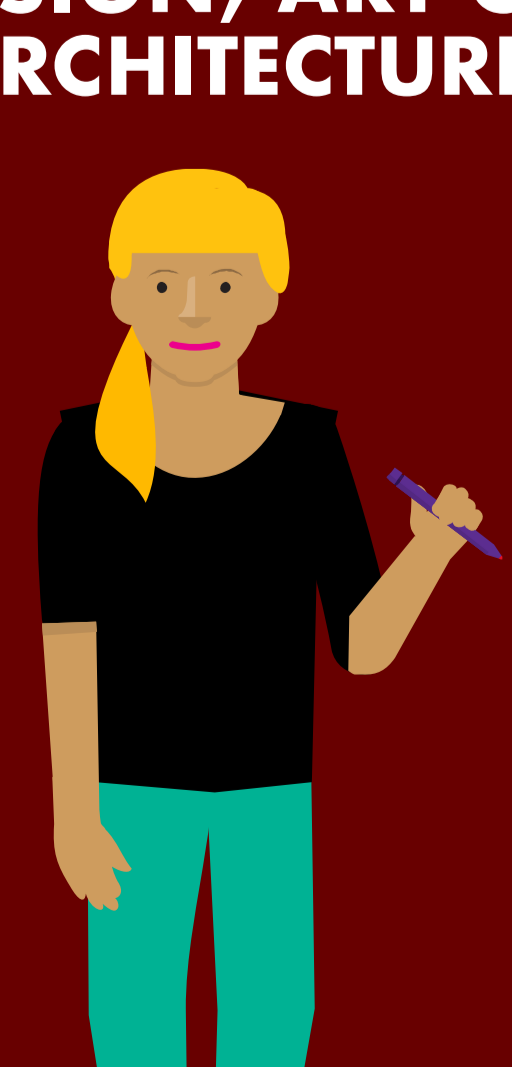
Biology, Engineering, Chemistry, Medicine, Astrology

#### OTHER IMPORTANT SKILLS

Cognitive flexibility, emotional intelligence, judgement and decision making, computational thinking, collaboration



### FASHION, DESIGN, ART OR ARCHITECTURE



#### JOBS AVAILABLE TODAY

##### 3D Fashion Printing Engineer

Executes the technological and creative aspects of the fashion business using 3D printing

##### Data Scientist

Uses machine learning and AI to help brands predict what shoppers might be looking for

#### IN THE FUTURE

##### Virtual Designer

Will design interiors, buildings or clothes entirely in cyberspace using immersive technology

##### IoT Data Creative

Will help brands communicate to consumers through the Internet of Things

#### TOP STEM DEGREES TO PURSUE

Illustration & Graphic Design, Engineering, Computer Science

#### OTHER IMPORTANT SKILLS

Creativity, cognitive flexibility

