



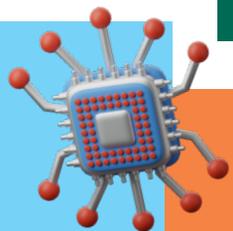
Did you know?

Artificial Intelligence (AI) is a type of computer science. It is focused on making machines that are able to perform advanced tasks. AI is in many job fields, including retail, finance, transportation, healthcare, security, and manufacturing. Different education levels are required for AI-focused jobs.

The field of **robotics** is huge. Jobs include developing, operating, repairing, and programming robots in many different industries, including communications, energy, research, manufacturing, and rocket science.



Download brochure with links to resources



Spotlight on Local Resource

Cleveland State University Washkewicz College of Engineering

Washkewicz College of Engineering is a college within Cleveland State University located in downtown Cleveland. Engineering is fundamental and essential for solving the challenges facing humanity, including securing clean and sustainable energy, assuring economic growth, as well as developing affordable and high-quality healthcare. The Washkewicz College of Engineering addresses these challenges via focused teaching and research on the needs and resources of Northeast Ohio with a particular focus on Sustainable Urban Living. We center our attention around Innovative Manufacturing, Human Health, and Sustainable Design.

Washkewicz College of Engineering
Cleveland State University
2300 Chester Ave.
Cleveland, OH 44115

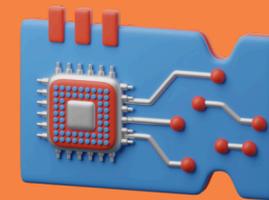
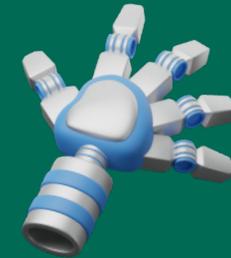
216-687-2555

engineering.csuohio.edu



Let's Explore

Artificial Intelligence and Robotics



ARTIFICIAL INTELLIGENCE

Types of Jobs / Salary Potential

Learn more [here](#).

Algorithm Developer / \$154,000

Computer Engineer / \$51,000

Computer Scientist / \$103,000

Computer Vision Engineer / \$124,000

Data Analyst / \$74,000

Data Scientist / \$130,000

Manufacturing Engineer / \$85,000

Mechanical Engineer / \$88,000

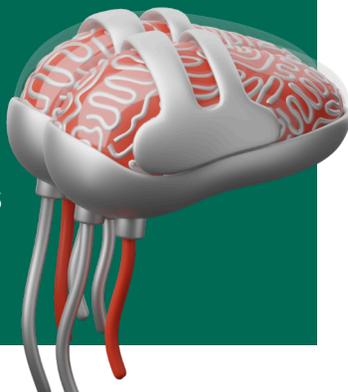
Research and Development Engineer / \$89,000

Research Scientist / \$91,000

Software Engineer / \$114,000

Examples of Local Employers

PwC
Stream
MindInventory
Prophit.AI
Cleveland Clinic
University Hospitals



Preparing for the Career

Local Training, Certificate & Degree Programs

Cleveland State University

- Computer Science
- Data Science
- Electrical Engineering
- Computer Engineering

Cuyahoga Community College

- Operations Engineering Technology
- Automated Manufacturing Engineering Technology Academy

Case Western Reserve University

- Electrical Engineering
- Computer Science

Opportunities for Deeper Exploration

FIRST Robotics Initiative

The Great Lakes Science Center supports six robotics teams that compete in local competitions. Open to any Cleveland Metropolitan School District high school student.

Youth Technology Academy

Students can earn college credit in a STEM-based career while still in high school. The program gives students the chance to design and build a robot, learn programming and coding with drones and enroll in exciting classes.

Youth Robotics Teams

Middle and high school students have the chance to join a VEX Robotics Competition each fall.

ROBOTICS

Types of Jobs / Salary Potential

Learn more [here](#).

Entry-level Robot Operating Roles / \$40,300

- High school diploma or GED required
- Robot Operator, Robotics, Assembly Operator

Entry-level Robot Repair Roles / \$54,000 - \$78,000

- Associate's degree or post-secondary certificate required
- Automation Technician, Robotics Maintenance Technician, Mechatronics & Robotics Technician, Robotics Process Controls Technician

Mid-level Robot Programming Roles / \$86,000 - \$124,000

- Bachelor's degree required; Master's degree sometimes preferred
- Robotics Specialist, Robotics Engineer, Mechatronics Engineer, Automation Engineer, Robotic Systems Engineer

High-level Robot Planning Roles / \$87,000 - \$153,000

- Bachelor's degree required; Master's degree sometimes preferred
- Robot Integrator, Robotic Integration Design Engineer, Robotics Application Development Engineer, Advanced Industrial Integrator

Examples of Local Employers

Force Robots
Cleveland Industrial Automation Services
Opus Animation
Yazamen

Places to look for open jobs:

- Indeed
- LinkedIn
- Robotics Career

