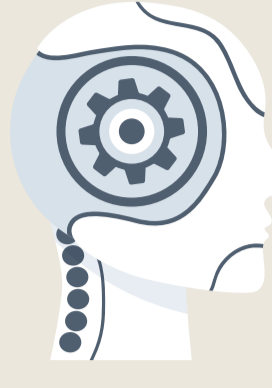


AI & ROBOTICS IS CHANGING THE WORLD



Here's How Pittsburgh is Changing AI & Robotics



The City Where Artificial Intelligence Was Born

AI's genesis at Pittsburgh's **Carnegie Mellon University (CMU)** in the 1950s marked the dawn of a new era. Faculty members Herbert Simon and Allen Newell, driven by the tantalizing possibility of machine intelligence, unveiled the groundbreaking "Logic Theorist" program. Often hailed as AI's first triumph, it could prove mathematical theorems like a human mathematician and set CMU on a trajectory to AI leadership that continues today.

20+
ACADEMIC & RESEARCH CENTERS

#1
undergrad & grad AI programs

#1
undergrad computer engineering program

#1
graduate programming language program

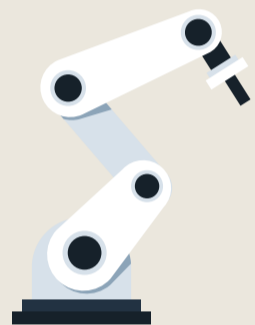
(Source: U.S. News & World Report)

Carnegie Mellon at the Forefront

CMU's **Advanced Robotics for Manufacturing Institute** and **National Robotics Engineering Center** drive Pittsburgh's robotics innovation, combining academic research with industrial applications to advance manufacturing technology and commercialize cutting-edge robotic solutions.



7,000+
ROBOTICS EMPLOYMENT



Leader in National Robotics Development

As one of the 21 awardees of the federal Build Back Better Regional Challenge grant awarded by the U.S. Economic Development Administration, the Pittsburgh region received **\$62.7 million** to invest in robotics cluster development through the adoption of new technologies in small and medium enterprises, upskilling and empowering workers to thrive in an innovation economy, and commercialization acceleration of our cluster's inventions.

“IF DATA SCIENCE WERE A COUNTRY, PITTSBURGH WOULD BE THE CAPITAL.”

— Dr. Rebecca Nugent Fienberg, Professor of Statistics & Data Science and Department Head, Carnegie Mellon University



100+
ROBOTICS COMPANIES

Here Is What's Next. It is Happening Now in Pittsburgh

Space robotics firm **Astrobotic** is building the Griffin lunar lander, selected to deliver NASA's waterhunting VIPER rover to the moon's south pole. It is also developing LunaGrid, a commercial power service designed for the lunar south pole with sustainability in mind.



Astrobotic

Self-driving leader **Aurora** is developing the Aurora Driver, an advanced autonomous platform for trucks that aims to revolutionize long-haul freight transportation with enhanced safety and efficiency.



Aurora

Ed-tech pioneer **Duolingo** leverages AI to transform language learning for over 500 million users globally. It is expanding its adaptive learning platform with conversational practice and real-time pronunciation feedback that is reshaping multi-lingual education.



Duolingo

2 TIER 1
RESEARCH UNIVERSITIES
(CMU & PITT)

2,433
ROBOTICS PATENTS AWARDED
(2008-2018)

TOP 5 CITY
FOR TECH WORKER MOMENTUM
(WSJ, 2023)

COMPANIES BUILDING IT HERE

