Women

Sister Mary Kenneth Keller

→ 1965 First woman to earn Computer Science Doctorate
→ 1967 Founded the computer science department at Clarke College in Iowa

"For the first time, we can now mechanically simulate the cognitive process. We can make studies in artificial intelligence. Beyond that, this mechanism [the computer] can be used to assist humans in learning. As we are going to have more mature students in greater numbers as time goes on, this type of teaching will probably be increasingly important."

She conducted her research at the University of Wisconsin, Purdue, the University of Michigan, and Dartmouth College, where she helped develop the BASIC language. BASIC was one of the biggest breakthroughs in computer science - before it, only people well versed in mathematics could write computer code. BASIC allowed everybody who learned the language to do it, and Keller played an important role in its development.

What paths will you trailblaze that no one has traveled before?

In Technology