

"A computer has no mind of its own. Its 'brainpower' comes from the people who create the programs," says Rod Company.

Rod earned a B.S. in Math in 1966. Today, he's an IBM Systems Programmer working on a portion of Operating System/360, a hierarchy of programs that allows a computer to schedule and control most of its own operations.

A mixture of science and art

"Programming" means writing the instructions that enable a computer to do its job. Says Rod, "It's a mixture of science and art.

You're a scientist in the sense that you have to analyze problems in a completely logical way.

"But you don't necessarily hunt for an ultimate right answer. There can be as many solutions to a programming problem as there are programmers. That's where the art comes in. Any given program may work, but how well it works depends entirely on the ingenuity of the programmer."

Programmers hold a key position in the country's fastest growing major industry—information processing. *Business Week* reports that the computer market is expanding about 20 percent a year.

You don't need a technical degree

If you can think logically and like to solve problems, you could become an IBM programmer no matter what your major. We'll start you off with up to twenty-six weeks of classroom and practical training.

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