"Working in data processing today pretty much means you work in a broad spectrum of technologies," says Nick Donofrio.

An Associate Engineer at IBM, Nick is a 1967 graduate in Electrical Engineering. He's using his technical background to design circuits for computer memory systems.

"Circuit design used to be a narrow job," he says. "Today it can take you into the front yard of half a dozen different fields. In my job, for example, I work with systems design engineers, chemists, physicists, metallurgists, and programmers."

Nick describes a hypothetical case history: "A systems man comes to me with tentative memory design requirements. Before I can design memory circuits to satisfy these needs, I must first identify an appropriate device technology. The physicists who make our monolithic circuits provide me with device data and specifications.

"As the design progresses, I use the services of a circuit-testing group and keep constantly in touch with systems and device people to spot potential problems."

Keeping up

The interdisciplinary environment at IBM helps you keep up to date technologically. As Nick puts it, "You're constantly exposed to what's happening in other fields."

IBM needs technical graduates to work in research, design and development, manufacturing, product test, field engineering, and space and defense projects. We also need technical people in programming and marketing.

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Or send a resume or letter to Paul Kostlow, IBM Corporation, Dept. C, 425 Park Avenue, New York, N.Y. 10022. We'd like to hear from you even if you're headed for graduate school or military service.

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