Education is next industry

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demonstrating that its prime concern is profit, not the United States, just as steel and textiles before it.

The answer for America lies in its educational system. The United States has more technical schools and universities than Europe, South America, Australia and Japan combined. We are the pre-eminent leaders in a vital aspect of the technical division of labor: the production of ideas, and the production of those who generate ideas.

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Education is a unique industry. Its units of production are students, its work force are students, and its product is students. Students will be both a vital national resource and the basis for a new economic vision for America. Our nation is becoming the center of research, management and information systems for the West. This shift to a new industry of ideas has many implications for today's technical students. They must realize they are tomorrow's workers and as the backbone of the US economy they must avoid exploitation. They will be the most educated proletariats the world has ever seen.

This fact is especially important to remember come interview time. I find it disturbing that MIT students are the ones who must perform for the employers, as opposed to the reverse. Technical students must realize that this will be the basis for profit in the future, and as such can yield immense power over employers to insure fair labor practices. Labor strikers like the defense industry could be stopped immediately by a technical student boycott.

Asking for class consciousness on the part of technical students is unfortunately, like asking the institute to reduce tuition. Words like "boycott" and "class consciousness" are not only foreign to their cultural backgrounds but are ultimately connected in their minds with certain hostile ideologues. I can only hope they will aim to avoid exploitation and realize there is a lot of power out there for the having.

Artificial Intelligence Research at the General Electric Research & Development Center

The Environment

The R&D Center—one of the world's leading laboratoires linking basic research to real-world problems—has openings for innovative talent. Superb facilities include a large computer network of VAX machines utilizing VMS and UNIX operating systems, Symbolics and other personal workstations. This is only the tip of the iceberg. The R&D center offers an opportunity to work with a top interdisciplinary team, but our upstate New York location offers unusual recreational, cultural and cost-of-living advantages. Boston, New York and Montreal are within a few hours drive as are the recreational opportunities of the Adirondack Mountains, Lake George, and Cape Cod.

The Challenge

General Electric's Research and Development Center is expanding upon its research program in AI. Unique opportunities exist to influence the present and future direction of information systems in one of the most diversified high technology companies in the world, with businesses in aerospace systems, medical electronics, information and financial services, power, automation, and industrial system products. The AI program will expand the research emphasis on:

- Artificial Intelligence Systems
- Expert Systems
- Knowledge Representation
- Human-Machine Interface
- Inference and Reasoning
- Learning

We have immediate openings in research and systems activities at the engineer/scientist/ project leader, and program manager levels in our Artificial Intelligence Research Program. Candidates with either MS or PhD degrees in Computer Science and specialization or experience in Artificial Intelligence.

Contact

Investigate excellent salaries, benefits, and growth prospects by sending your confidential resume to Mr. Neff T. Dietrich, University Relations and Recruiting, Rel. CC-2, General Electric Research and Development Center, P.O. Box 8, Schenectady, N.Y. 12301.

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