The Challenge of All in Informatics for All

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Women’s participating in academic fields Norway

Figur 5.21 kvinner og menn på ulike nivå i karrierestigen innenfor teknologi i 2011

Figur 5.8 kvinner og menn på ulike nivå i karrierestigen ved universiteter og høgskoler i 2011
Norway and EU
USA

% Of Women Majors, By Field

- Medical School
- Law School
- Physical Sciences
- Computer science

Source: National Science Foundation, American Bar Association, American Association of Medical Colleges
Credit: QuocTrung Bui/NPR
“My mother was a computer"

“Human computers”
Washington, D.C. "Bonus Bureau, Computing Division, 1924
The first programmers - 1945
ENIAC - Electronic Numerical Integrator and Computer

Kay Antonelli  Jean Bartik  Betty Holberton  Marlyn Meltzer  Frances Spence  Ruth Teitelbaum

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The first programmers - 1945
ENIAC - Electronic Numerical Integrator and Computer

Somebody gave us a whole stack of blueprints, and these were the wiring diagrams for all the panels, and they said 'Here, figure out how the machine works and then figure out how to program it'

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Cut out..
.. and forgotten

Kathy Kleiman (student) 1980s:
“Who are the women in the photo?”

A computer historian told her:
“They are just ‘Refrigerator Ladies’ – models posing in front of the machine to make it look good”
The computer business was unusually open to women in the 1950s and 60s

I was hired a programmer ... It was something that women were believed to be good at (1950s)

It really amazed me that these men were programmers, because I thought it was women's work! (1950s)

It never occurred to any of us that computer programming would eventually become something that was thought of as a men's field "(1960s)

“Compared to most technical professions, computer programming was unusually open to females. But on the other hand, in the late 1960s the computer programming community was also actively making itself masculine, pursuing a strategy of professional development that would eventually make it one of the most stereotypically male professions, inhospitable to all but the most adventurous and unconventional women.”

Recruiting women...

«Computing is more about human beings than about machines. NTNU wants more girls...»
The challenge of “All” is a question of belonging