

Radia Perlman, in 1985 developed a method for scaling Ethernet networks (small local networks) to theoretically unlimited sizes and managing data packets (so-called routing), which allowed for the creation of the global internet in the form we know it today. Carol Shaw, author of the first commercial computer game "3D Tic Tac Toe" from 1978. She gained fame for creating the game "River Raid" for 8-bit computers (such as the "home" Atari!).

Read zines, make zines, share zines. No one will delete or ban zines, and you can put whatever you want in them!

Get more free zines at:
www.gniazdoswiatow.net

September
 2025



WOMEN

in computer science



godai

Elizabeth "Dake" Feinler and her team in the early 1970s developed the first WHOIS catalog on the network and created the concept of "domains," now used as addresses on the global WWW.

Susan Kare worked for Apple in the first half of the 1980s. She designed most of the graphical interface icons, many fonts, and other elements. At the turn of the decade, she led design work for Windows 3.0.

Adele Goldberg, in the 1970s developed the Graphical User Interface, now used on virtually all personal computers.

Mary Kenneth Keller, nun, first American woman to defend a PhD in computer science. She collaborated in creating the BASIC language in the 1960s, that dominated personal computers for the next two decades.

Mabel Addis, teacher, author of the world's first text-based educational game "Sumerian Game" from 1964.

Hedy Lamarr (pictured on the cover), actress, developed the spread spectrum model in broadband systems - a method for efficient and fast radio communication. It is still used today in Wifi and Bluetooth systems.

Margaret Hamilton, almost expelled from university studies for breaking women-only prohibitions. She wrote the control programs for Apollo spacecraft that took humans to the Moon. She coined the term and field of science known as "software engineering."

Katherine Johnson, Afro-American woman, co-author of equations used for orbital flights, author of the analysis of the first human spaceflight, and author of calculations for John Glenn's flight in 1962.

Grace Hopper, US Navy Admiral, programmer of the electromechanical computer Harvard Mark I, used for analysis during World War II. She is credited with coining the terms "bug" and "debugging."

Judith Love, engineer in the Minuteman program, electrical engineer at the Hubble Space Telescope ground station. The Abort-Guidance System she developed helped save astronauts during the Apollo 13 disaster. Mother of actor Jack Black.

Ada Lovelace, 19th-century English mathematician, author of calculations for Charles Babbage's calculating machine. She was the first to propose that computers be used not only for mathematical calculations. Her work forms the foundation of computer science.