

Women in Technology

Episode 1

HOSTS: Alondo, Bevan, Jennifer
podcast@bebitwise.com

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What Had Happened Was...?

Cockroach Milk - resurging as a Superfood trend? ([NPR News](#), [CBS News](#))

Do You Even Nerd?

Geek Trivia - What are the symbols that are accessible over the number keys?

1 - Exclamation

2 - At symbol

3 - Pound sign

4 - Dollar sign

5 - Percent

6 - Caret

7 - Ampersand

8 - Asterisk

9 - Left parenthesis

0 - Right parenthesis

Say What?!?!?

Women - long and influential impact on the advancement of technology, regardless of their recognition. Big kudos to Danika Patrick (retired on May 27, 2018) - Winner of the Indy 500 Will Power (Australian)

Alondo

[Grace Hopper \(1906-1992\)](#) - Navy rear admiral - worked on earliest, most powerful computers - pioneered using everyday words to program - not machine code. Famous for finding a moth in a computer - actually “debugged” it.

[Mary Lou Jepsen](#) - Technology mogul who co-founded the OLPC initiative - \$100 laptops developing word children. So many accolades - own podcast (maybe we will)

[Sara Blevins](#) - Won Google Developer Scholarship Challenge - help with new jobs and businesses. Won scholarship - Front-End Web Developer Nanodegree program - Invited to Google I/O - told earlier by others that “it isn’t feminine” to be in science, technology, or math - Had no computer in her home in 2010.

“Embrace fear, self-doubt, discomfort, frustration, and failures. Not just embrace, but hold them close to your heart, nurture them and allow them to be yours. Because they are gifts, the most precious gifts life has to give; in those places are where we grow, push beyond what we are, and learn what we are capable of.”

Bevan

[Carol Shaw](#)

- The first widely recognized female game designer and programmer
- Atari, Inc. and Activision in the late 1970s and early 1980s
- Most recognized for her best-selling game *River Raid* (1982)—published by Activision for play on the Atari 2600 home console—which sold more than one million copies
- Obtained BASIC programming experience in high school

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- went on to earn a bachelor's degree in Electrical Engineering and Computer Science at the University of California, Berkeley, in 1977
 - In 1982, she completed her most popular game [River Raid](#), a top-down scrolling shooter game that tasks players with piloting a jet in enemy territory over the fictional River of No Return.
 - Won several awards, including Best Action Videogame in the 1984 Arkie Awards from *Electronic Games* magazine.
 - Several versions of *River Raid* included Shaw's name on the game's box cover—an uncommon practice at the time.
 - Proficiency in an industry stereotyped as being heavily dominated by men

Jennifer

[Ada Lovelace](#)

- From London...Considered the “Pioneer of Computing”
- Her mother valued education and provided Ada with an excellent education especially in Massachusetts
- Collaborated with inventor Charles Babbage with his computing machine the Analytical Engine-she was first “behind” this great inventor, then her programming talents boosted her farther ahead than what he was capable of in regards to his programming abilities.
- Published the computer program and algorithm that utilized Bernoulli Numbers producing the most complete, elaborate and first actually published program of its kind. How fitting that she was a “countess”...
- First to acknowledge the potential a computer engine could have and predicted its ability to create music and art with the correct program coded.

[Ada's vision](#)

- “It wasn't until programmable computers were first built in the 1940s that Lovelace's and Babbage's vision came to reality. In the 1970s, when the US Department of Defense decided to create a standardised computer language to use for its applications, they named it ADA in Lovelace's honour. The ADA language is still in use in critical systems such as air traffic control, in planes such as the Boeing 777, in rail transport including the TGV in France, the New

York subway and London's tube, and in space missions such as Mars Express and the Beagle 2.”

- In the world of STEM, she is considered an icon. October 11th is coined *International Ada Lovelace Day* and celebrates her contributions to science, technology, engineering and math. She was truly a woman with a vision and saw far beyond her years in what computers would one day be capable of doing.
- Sadly she died at the young age of 36. Imagine what else she would have accomplished/contributed to in the field of technology

Geek Out

[Black Panther movie](#)

[Avengers Infinity War](#)

[Solo: A Star Wars Story](#)

Trivia Question

Contest: What woman is known for making the phrase “surfing the internet” a mainstream phrase?

Other References

[The Bernoulli Number Page](#)

Music

Intro and Outro music - Brasilia by Michael Glass

[See What Had Happened Was - Kutt Calhoun](#)

[La Cucuracha - Louis Armstrong](#)

[Sisters Are Doin' It For Themselves - Eurythmics & Aretha Franklin](#)

[La Freak - Chic \(instrumental\)](#)