

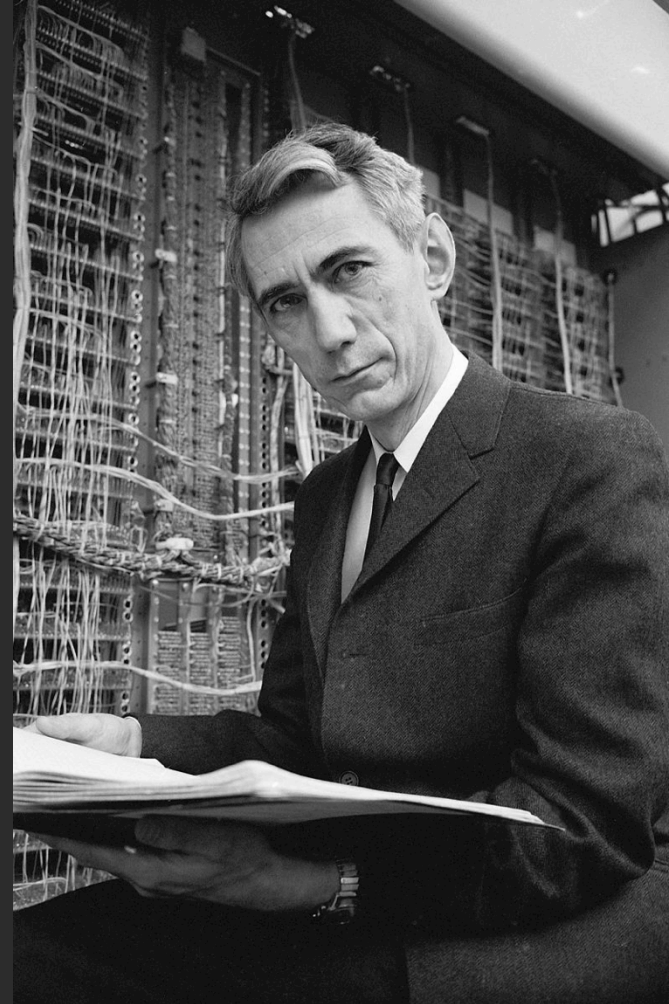
# Tableaux Vivant of Claude Shannon

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Swarthout



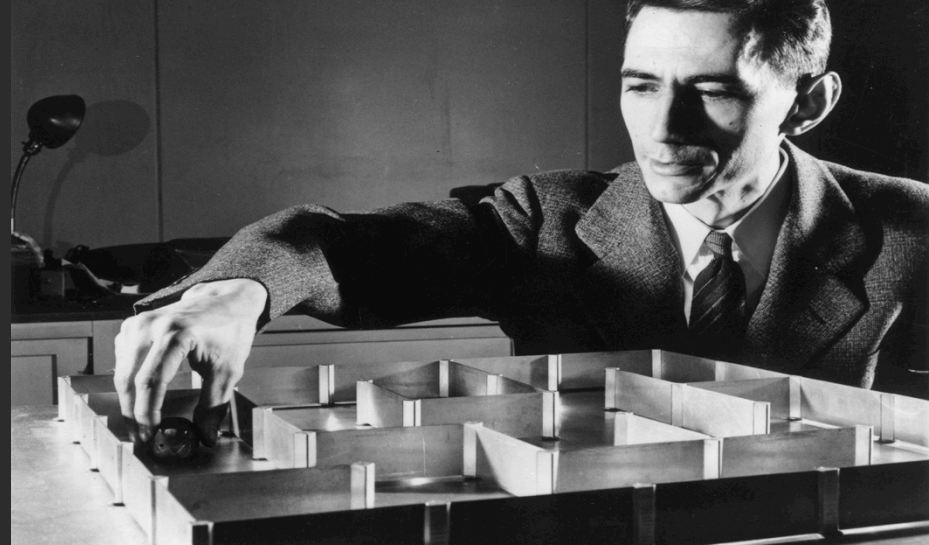
# Who was Claude Shannon?

- Born: April 30, 1916
- Passed away: February 24, 2001
- American electrical engineer, mathematician, cryptographer, tinkerer, prankster, and the “Father of Information Theory.”
- Most known works:
  - *A Mathematical Theory of Communication (1948)*
    - Developed Information Theory.
  - *A Symbolic Analysis of Relay and Switching Circuits (1938)*
    - Proving switching circuits can implement boolean logic.



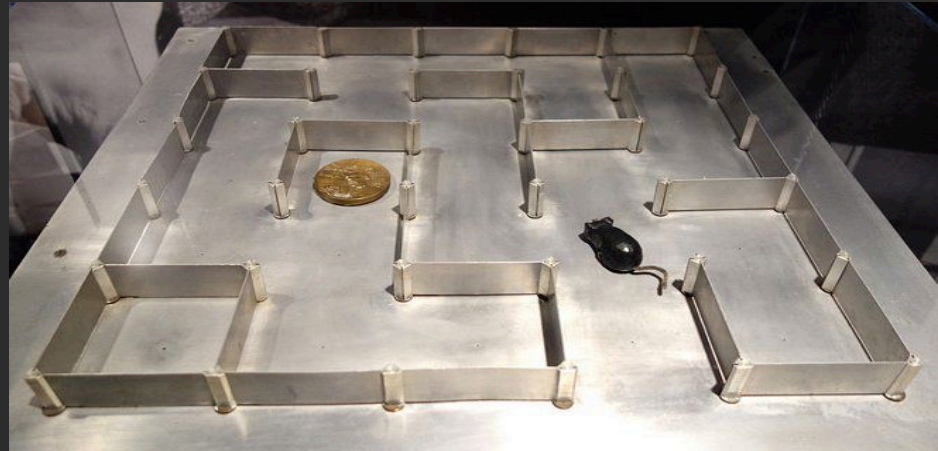
# Theseus

- Created by Shannon in 1950 at Bell Labs.
- Magnetic mouse that could traverse through a maze consisting of 25 squares.
- Began with no knowledge of the maze and solved it on its own.
- After completing the maze once, the mouse could be placed anywhere in the maze and still be able to find the exit.
- Programmed to seek out a location where it had been before and from there it would travel to the end of the maze.
- “Learned” new locations by adding them to memory.
- First artificial learning device of its kind.



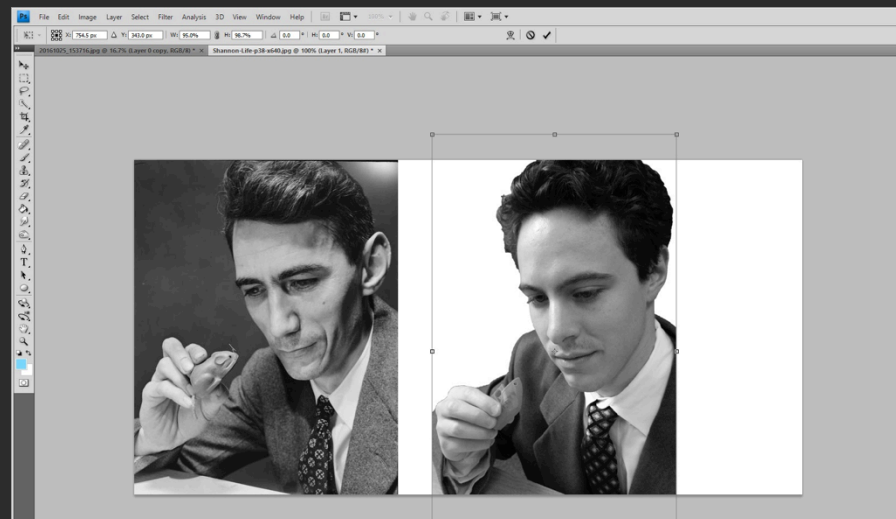
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<https://static.independent.co.uk/s3fs-public/thumbnails/image/2016/04/30/01/claude-shannon-getty.jpg>



# How we did it

- We decided that Harrison resembled Shannon the most, therefore he was our actor.
- Kellen, our photographer, took the photo at the Innovation Lab to utilize their green screen.
- Having Harrison pose in front of the green screen made it easier to photoshop the background in from the original photo.





Getting Harrison in the same position that Shannon was in, was a lot harder than it looks.



- After getting a decent shot of Harrison, Kellen manipulated the photo to make Harrison more closely resemble Shannon.
- The lighting was off in our photo, so some areas of Harrison's face was made lighter and darker to emulate light and shadows.
- Harrison was made to look older by adding wrinkles, and thinning his face.
- Along with inserting in the background, Shannon's ear, part of his hair, and hand were inserted in as well.

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