

History of the Internet

MAGD 150

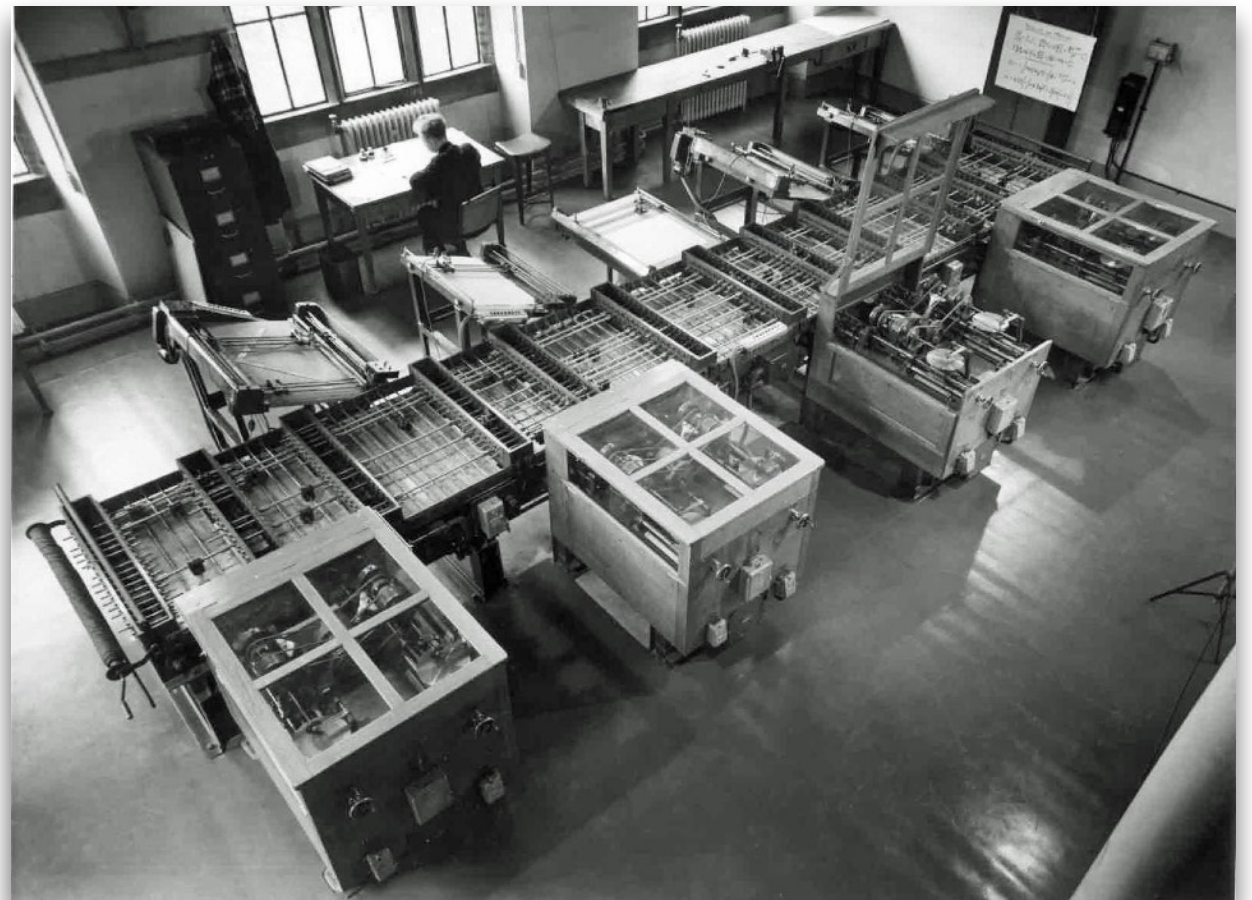
Fall 2020

Triangle of Innovation

- Military
- Universities
- Private Corporations

Vannevar Bush

- MIT Professor
- Builder of analog computer -
- Differential Analyzer, 1931
- Advised presidents
- Roosevelt, Truman
- Lead Manhattan Project (atom bomb) and projects for radar and air-defense
- Lead government emphasis on investment research for technology post war



J.C.R. Licklider

- MIT Professor
- PhD in Psychoacoustics
- Passion for Art
- Helped invent Time-Sharing
- SAGE air defense system
- Human Computer Interfaces, instant interaction with computers
- Computers to work with humans, not replace them



Sources

- The Innovators, How a Group of Hackers, Geniuses, and Geeks Created the Digital Revolution, Isaacson, Walter, 2014.
- YouTube Videos to view:
- J.C.R. Licklider & the Creation of the Internet (10 min)
- ARPAnet - the team behind the internet (6 min 30 sec)
- History of the Internet (8 min)
- Nerds 2.0.1 - A Brief History of the Internet - Volume I: Networking The Nerds (40 min - view from 18 minutes 30 seconds to end)