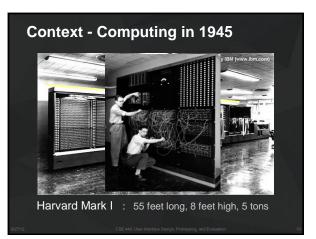


Outline

- Review
- Computing in 1945
- Vannevar Bush & As We May Think
- Doug Engelbart & Augmenting Intellect
- SketchPad, Dynabook, & The Star
- Administrivia
- Name Game







Vannevar Bush Kicked Off Big Science

- MIT faculty member
- Coordinated WWII scientific effort
- Social contract for science
 - federal government funds universities
 - universities do basic research
 - helps economy & national defense

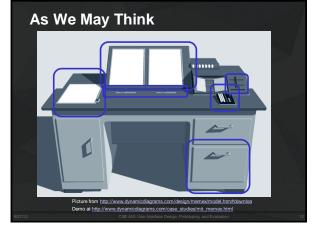


- trails of discovery

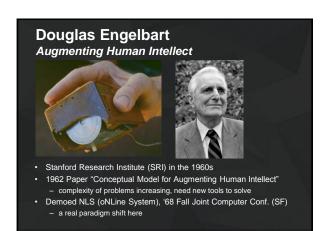
- Memex

- capture of nerve impulses

- "As We May Think", the Atlantic Monthly, July 1945
 - Futuristic inventions / trends -
 - wearable cameras to record life
 - encyclopedia for a nickel
 - automatic transcripts of speech









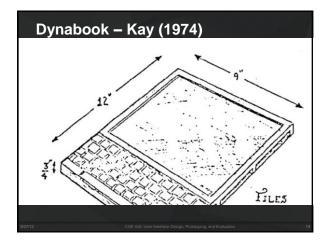
Augmenting Human Intellect: Firsts!

- First mouse
- First 2D editing & windows
- First hypertext
- First word processing
- First document version control

- First groupware (shared screen teleconferencing)
- First context-sensitive help
- First distributed client-server
- Many, many more!

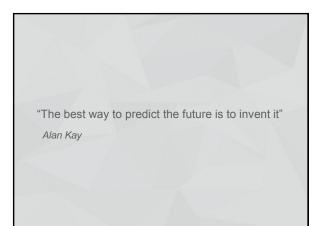












Administrivia

- Attendance
- Turn in assignment #1 now!
- <u>http://www.cs.washington.edu/education/</u> courses/cse440/12au/

Next Time

- Readings
 - Chapter 3 of The Design of Sites
 - The Discipline of Teams
- Lecture
 - Choose team projects
 - Problem Finding
 - Working as a Team