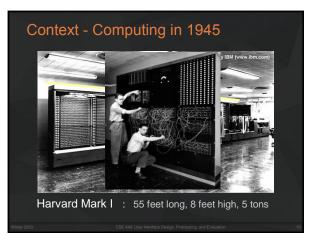


## Outline

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

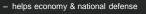






### Vannevar Bush Kicked Off Big Science

- MIT faculty member
- Coordinated WWII scientific effort
- Social contract for science
  - federal government funds universities
  - universities do basic research





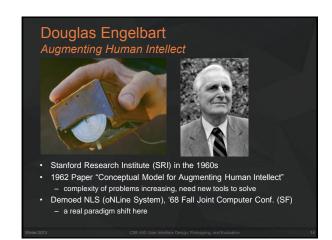
- "As We May Think", the Atlantic Monthly, July 1945
  - Futuristic inventions / trends -
  - wearable cameras to record life
  - encyclopedia for a nickel
- capture of nerve impulses
  Memex

- trails of discovery

automatic transcripts of speech





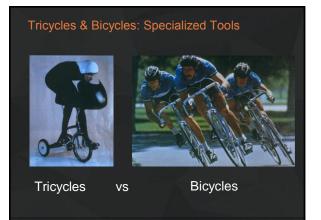




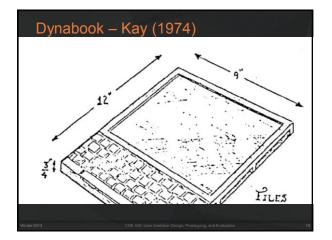
# Augmenting Human Intellect: Firsts!

- 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!

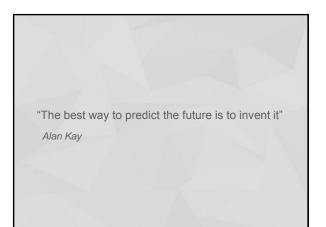












### Administrivia

- Attendance
- Everyone should have turned in assignment #1 - any problems doing so?
- Your job to keep up w/ class web site http://www.cs.washington.edu/education/courses/cse440/13wi/

# Next Week

#### Readings

- Chapter 3 of The Design of Sites
- Tips for Working Successfully in a Group by Randy Pausch
- The Discipline of Teams

#### Lecture

- Choose team projects (attendance mandatory)
- Problem Finding
- Working as a Team
- Homework (due Thur.) Studio Task #1 Gestalt Principles (individual) Attendance next Thursday is mandatory (you will discuss your answers to this assignment)