

# Module 2: Some IT History

IT Exploration Training  
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# IT is Changing Quickly...

- ...so it's useful to see where it comes from.
- We'll explore some sites and videos that explain.

# Computer History Museum

- A wonderful resource for the history of Information Technology is In Mountain View CA – near Google's headquarters: Googleplex
- <http://computerhistory.org>

# The University of Minnesota's Charles Babbage Institute

- Research library (you can't browse books) for History of Computing.
- Associated web sites:
- <http://www.cbi.umn.edu/> - main site
- <http://www.cbi.umn.edu/about/misa.html> - Director Thomas Misa's page
- <http://www.cbi.umn.edu/resources/MHHC/index.html>
- - Links to many of Misa's talk on Minnesota computer history.

# The Father of Supercomputing: Seymour Cray

- Seymour Cray grew up in Chippewa Falls, WI and attended the University of Minnesota.
- The fastest computer in the world from 1964-1969 was built in Arden Hills, MN - the CDC 6600.
  - <http://www.computerhistory.org/revolution/supercomputers/10/33>
- Seymour Cray was the designer and leader of this project, and went on to found Cray Research:
  - <http://www.computerhistory.org/revolution/supercomputers/10/7/2206>

# YouTube

- ...was founded by three PayPal employees.
- One of them was Jawed Karim, who went to St Paul's Central High School.

<http://youtube.com>

[https://en.wikipedia.org/wiki/Jawed\\_Karim](https://en.wikipedia.org/wiki/Jawed_Karim)

# History of the Personal Computer

- "Triumph of the Nerds" is a 1996 PBS Documentary by "Robert X Cringely" – real name Mark Stephens.
- An accurate (mostly) history of the Personal Computer (PC).
- Three episodes:
  - <https://youtu.be/sX5g0kidk3Y> - part 1
  - <https://youtu.be/EiffgiRAYUI> - part 2
  - <https://youtu.be/ZFUsYXZSMqs> - part 3

# History of the Internet and the Web

- "Nerds 2.0.1: History of Internet and Web" is 1998 PBS documentary, also by Robert X Cringely.
- Three episodes:
  - <https://youtu.be/Pk2BWphDfvc> - part 1
  - <https://youtu.be/EafxrkUEd50> - part 2
  - <https://youtu.be/Pk2BWphDfvc> - part 3



# The Make Software Exhibit @ CHM

- A recent exhibit at the Computer History Museum discusses different computer innovations: "Make Software: Change the World"
- <http://s3v.computerhistory.org/makesoftware-landing.mp4>

# Code.org: Teaching Programming

- "What Most Schools Don't Teach":

<https://videos.code.org/social/what-most-schools-dont-teach.mp4>

- "Code Wars":

<https://youtu.be/dU1xS07N-FA>

- Computer Science is Changing Everything:

<https://youtu.be/QvyTEx1wyOY>