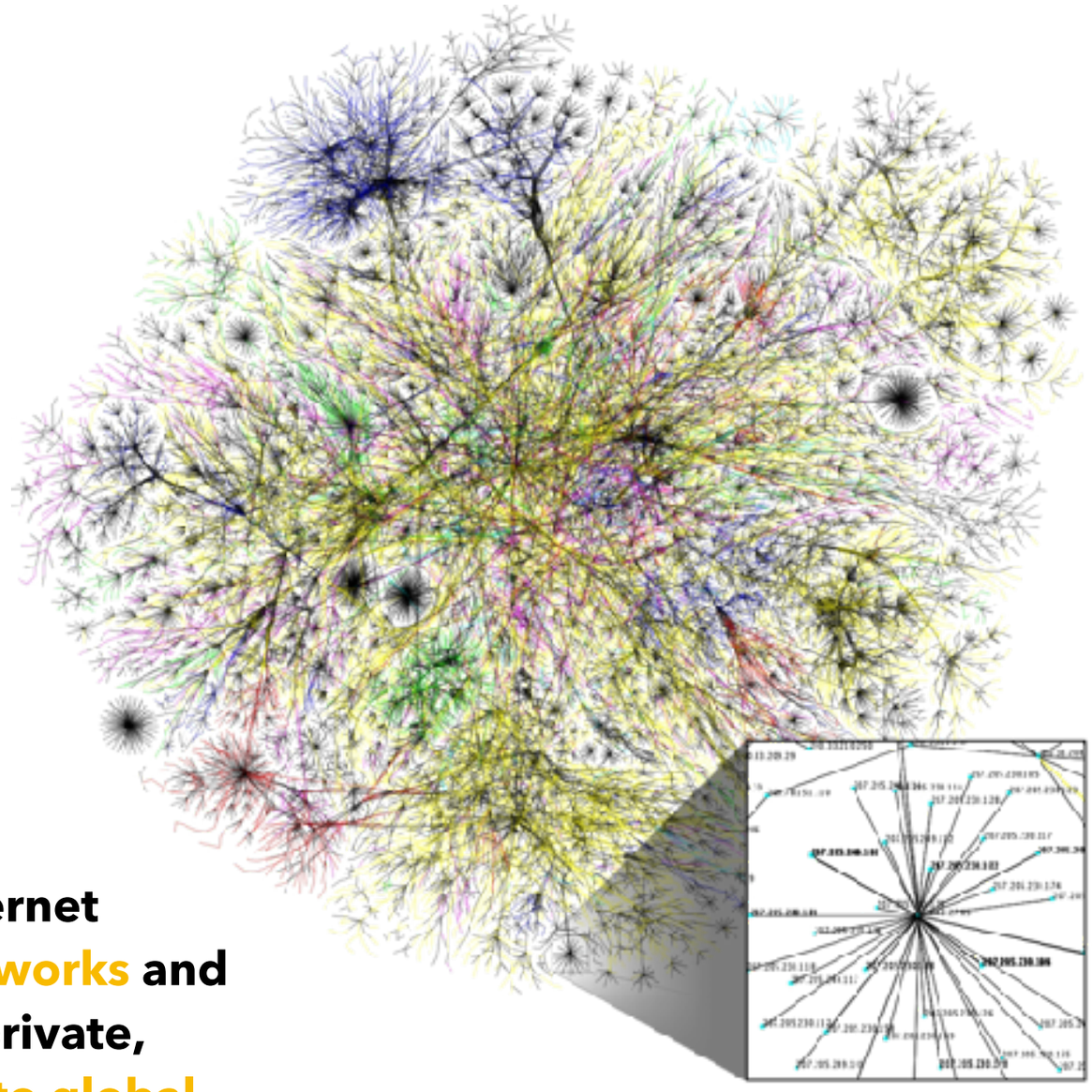
what is the internet?



The Internet (or internet) is the global system of interconnected computer networks that uses the Internet protocol suite (TCP/IP) to communicate between networks and devices. It is a network of networks that consists of private, public, academic and government networks of local to global scope, linked by a broad array of electronic, wireless, and optical networking technologies.

The Internet carries a vast range of information resources and services, such as the inter-linked hypertext documents and applications of the World Wide Web (WWW), electronic mail and file sharing.

– wikipedia

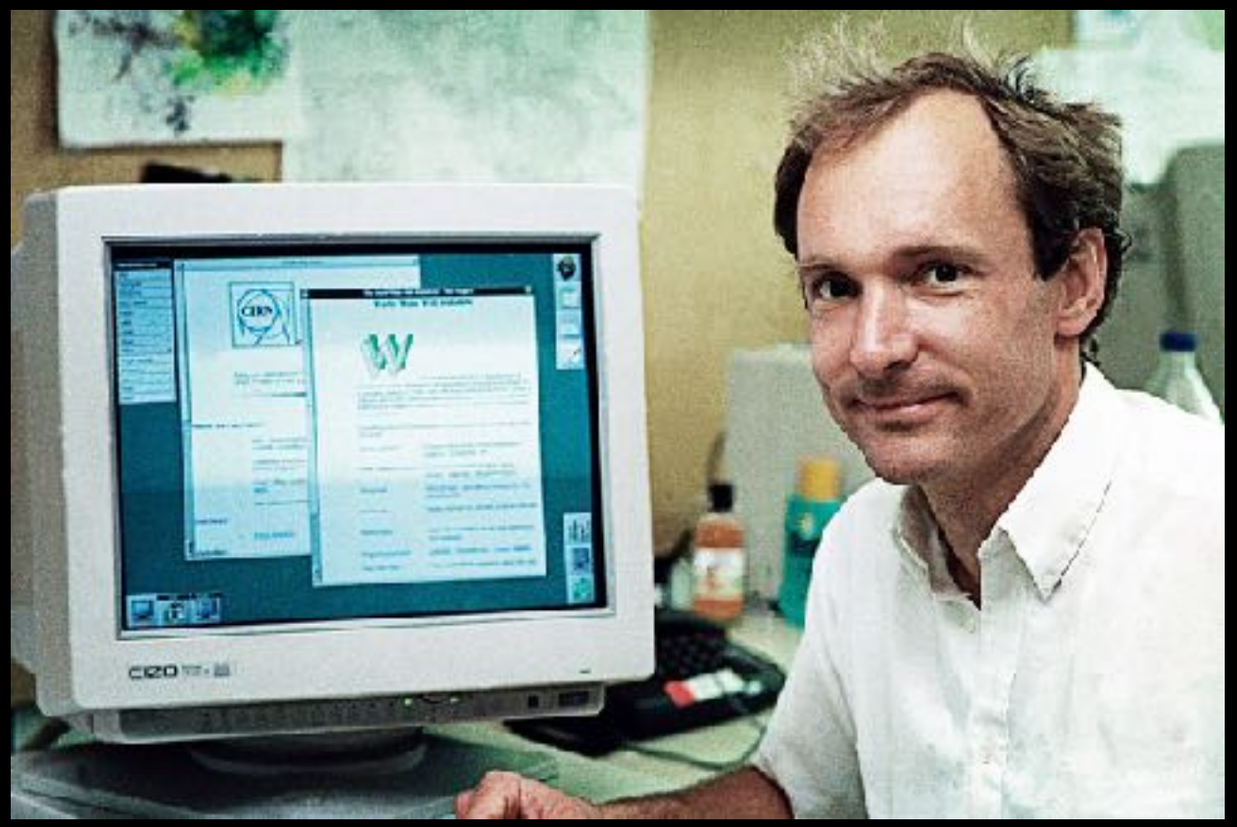
what is the internet?

A network of networks,
Tubes,
TCP Protocol,
The network of tubes that hosts the world wide web,
A collection of computers that can communicate with other computers
....

who invented the web?

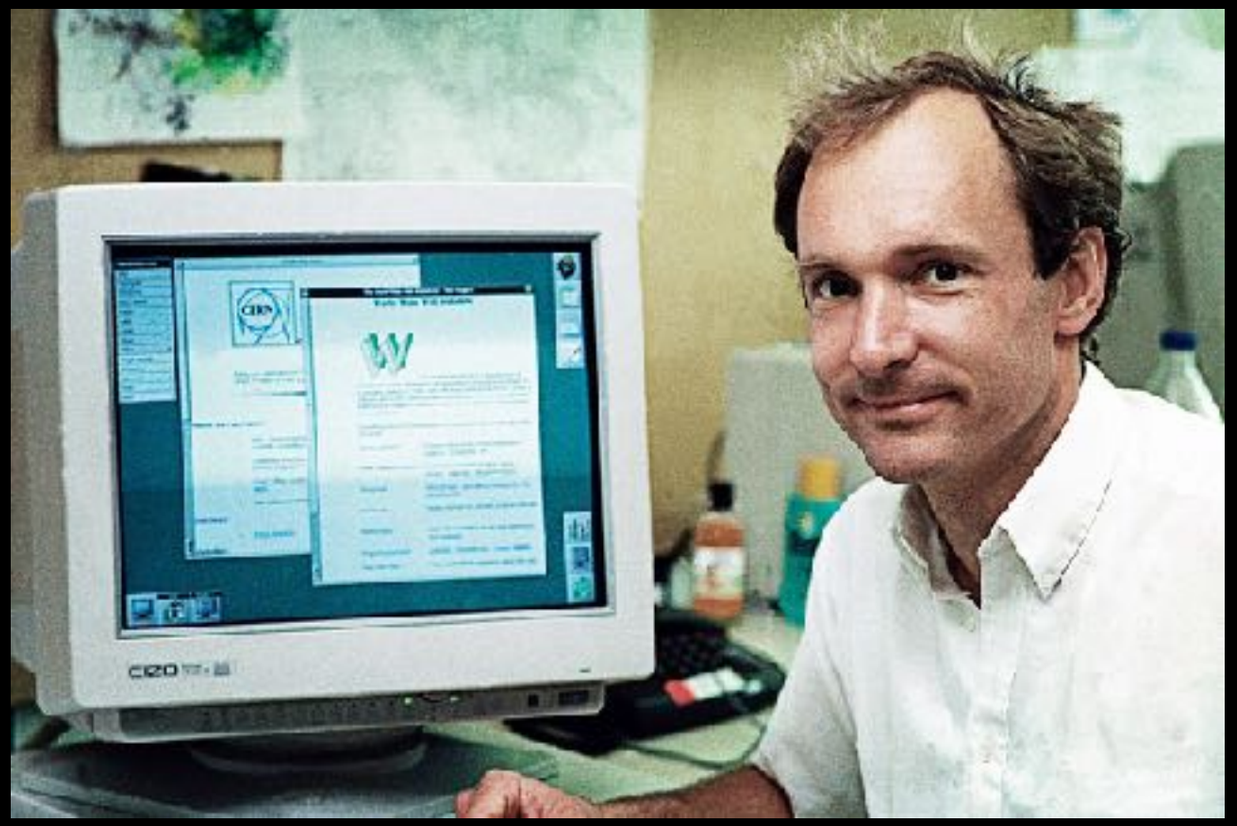
TIM BERNERS LEE

@timberners_lee



“I still has to find a way to turn text into hypertext, though. This required being able to distinguish text that was a link from text that wasn’t. I delved into the files that defined the internal workings of the text editor, and happily found a spare thirty-two bit piece of memory, which the developers of NeXT had graciously left open for future use by tinkerers like me. I was able to use the spare space as a pointer from each span of text to the address for any hypertext link. With this, hypertext was easy. “

—Berners Lee, *Weaving the Web*



1989 - First Web Server

Due to the way the computer’s storage was designed, Tim Berners-Lee invents the WWW (HTTP) on a NeXT machine

what do you think of when you hear the phrase web 1.0?

Google, init(): September 1998
went public August 2004

Web. 1.0

HTML + CSS + JS

1989 - 2004

what do you think of when you hear the phrase web 2.0?

Web. 1.0

HTML + CSS + JS

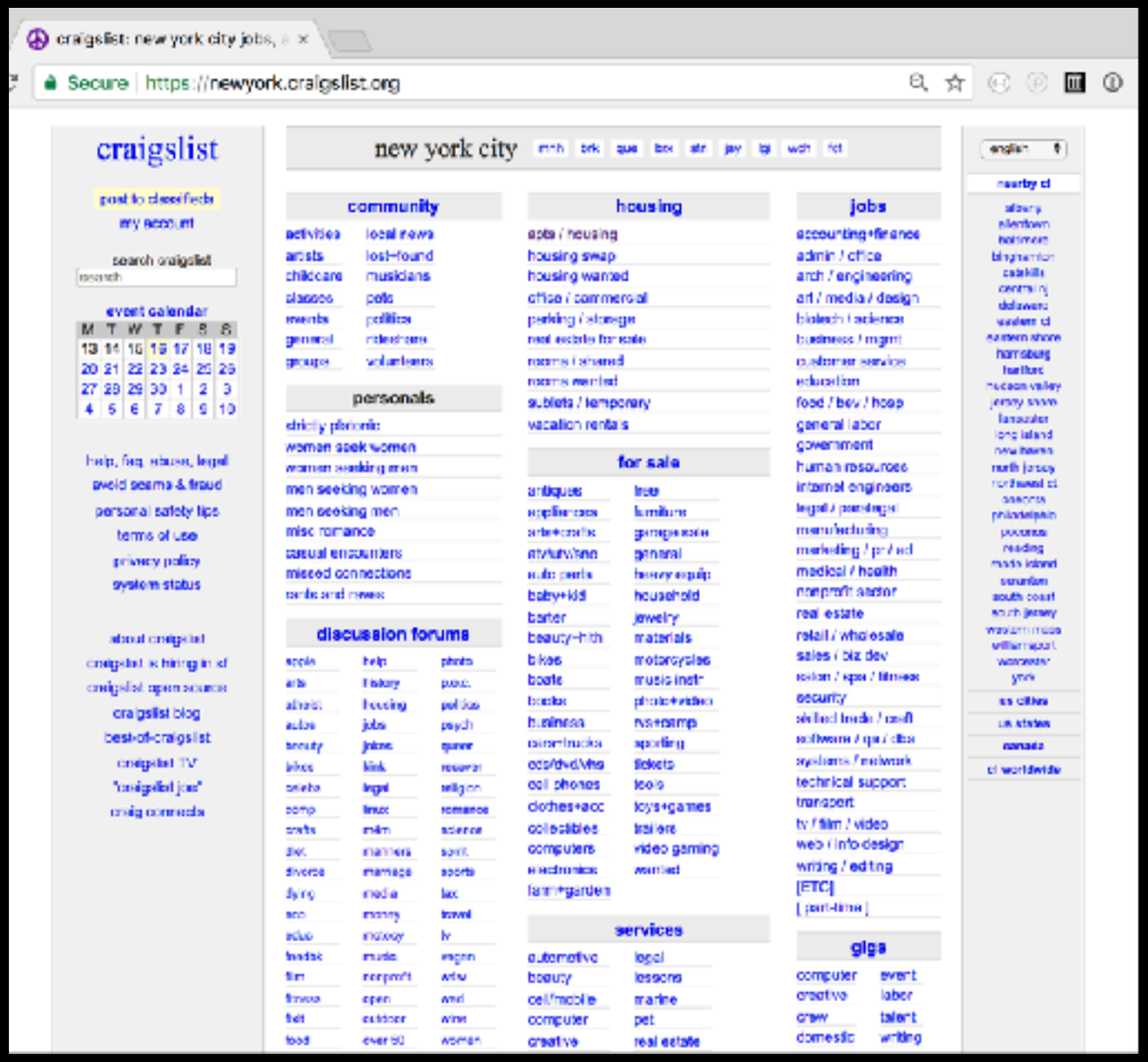
1989 - 2004

Web. 2.0

HTML + CSS +AJAX

c. 2004

It’s the difference btw this:



[Craigslist Landing Page]

HTML + CSS

(Web. 1.0)

+ this…

[NY Times Landing Page]

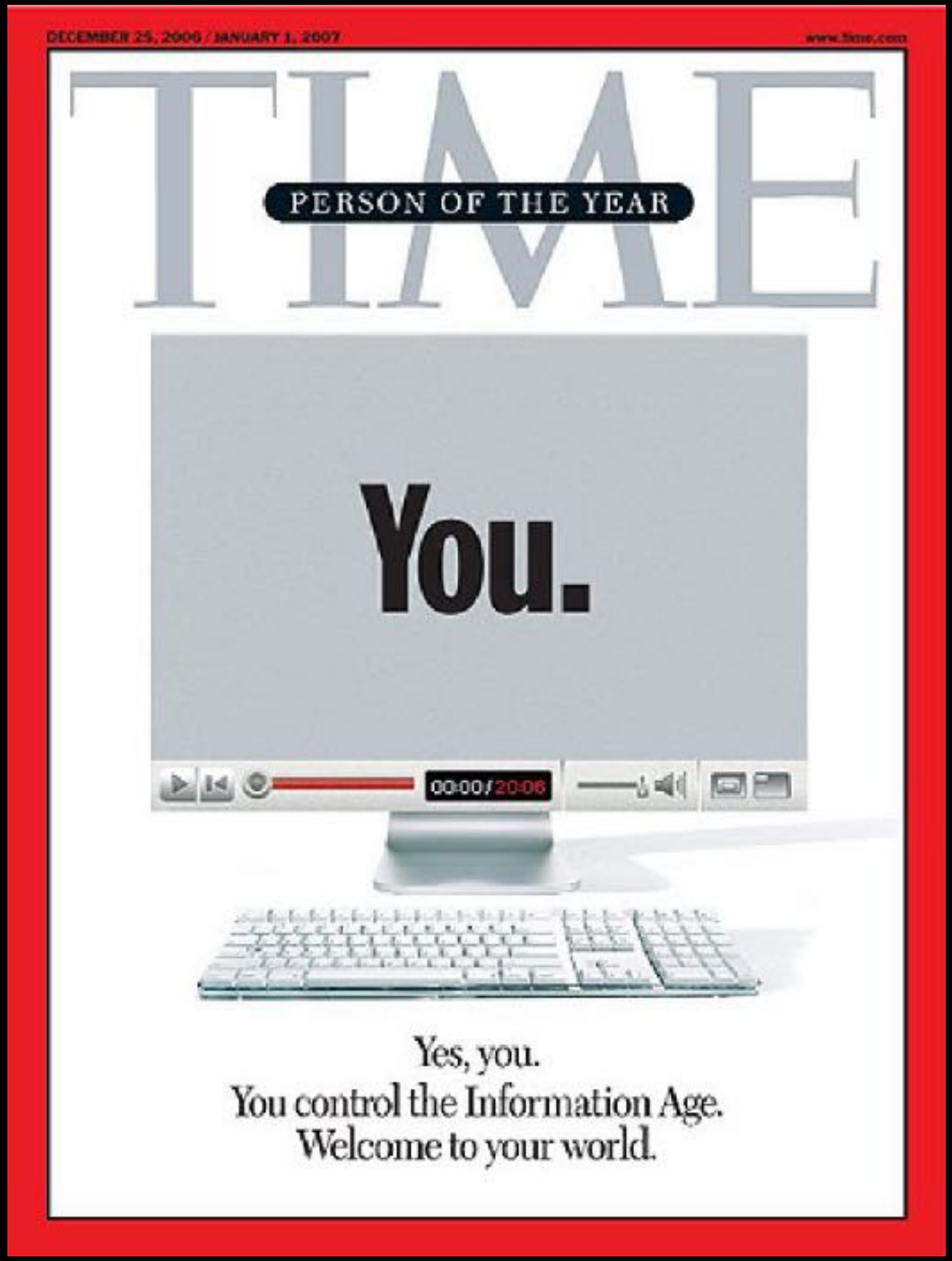
HTML, CSS + JS

(Web. 2.0)

HTML
CSS
JAVASCRIPT

JavaScript is a programming language specifically written to work w/ HTML and CSS. It facilitates an opportunity for more dynamic web pages with interactive media content. This led us to Web 2.0 in 2004-2005 ish.

Facebook, init(): February 2004
http://www.fb.com



Youtube, init(): February 2005

You: Person of the Year
Time Magazine, December 2006

Web. 1.0

HTML + CSS + JS

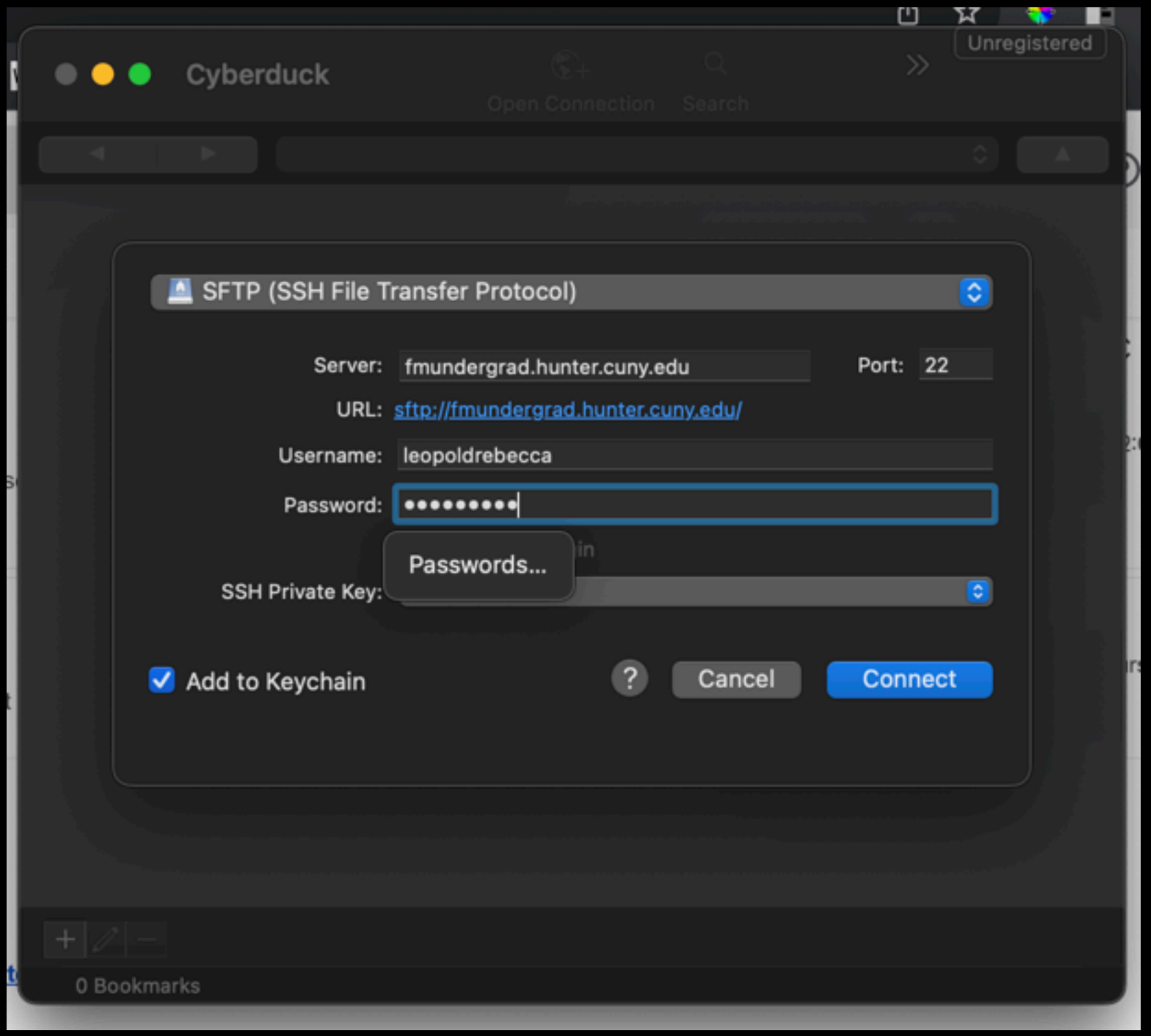
1989 - 2004

HTML - Hyper Text Mark Up

is a grammar for structuring web pages. It defines paragraphs, headings, data tables + media elements. HTML describes the content of the page - not how it looks.

CSS - Cascading Style Sheet

rules for styling a web page. Setting colors, positioning, typeface, layout and even timing. It can be used to consider the design of your page across different platforms and screen sizes.


Cyberduck
Open Connection
Search
Unregistered
SFTP (SSH File Transfer Protocol)
Server: fmundergrad.hunter.cuny.edu
Port: 22
URL: sftp://fmundergrad.hunter.cuny.edu/
Username: leopoldrebecca
Password:
Passwords...
SSH Private Key:
Add to Keychain
Cancel
Connect
0 Bookmarks

fmundergrad.hunter....
leopoldrebecca@fmunderg...

Open Connection | Action | Refresh | Edit | Search | Unregistered

/Volumes/ThunderBay/UGRAD2022/leopoldrebecca

Filename	Size	Modified
Desktop	--	Yesterday, 8:47 PM
Documents	--	Yesterday, 8:47 PM
Downloads	--	Yesterday, 8:47 PM
Library	--	Yesterday, 8:47 PM
Movies	--	Yesterday, 8:47 PM
Music	--	Yesterday, 8:47 PM
Pictures	--	Yesterday, 8:47 PM
Public	--	Yesterday, 8:47 PM
Sites	--	Yesterday, 8:47 PM
images	--	Yesterday, 8:47 PM
index.html	2.6 KB	Yesterday, 8:47 PM
Streaming	--	Yesterday, 8:47 PM