

# Lecture 3: Building a Personal Website

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# Why Do I Need a Web-based Resume?

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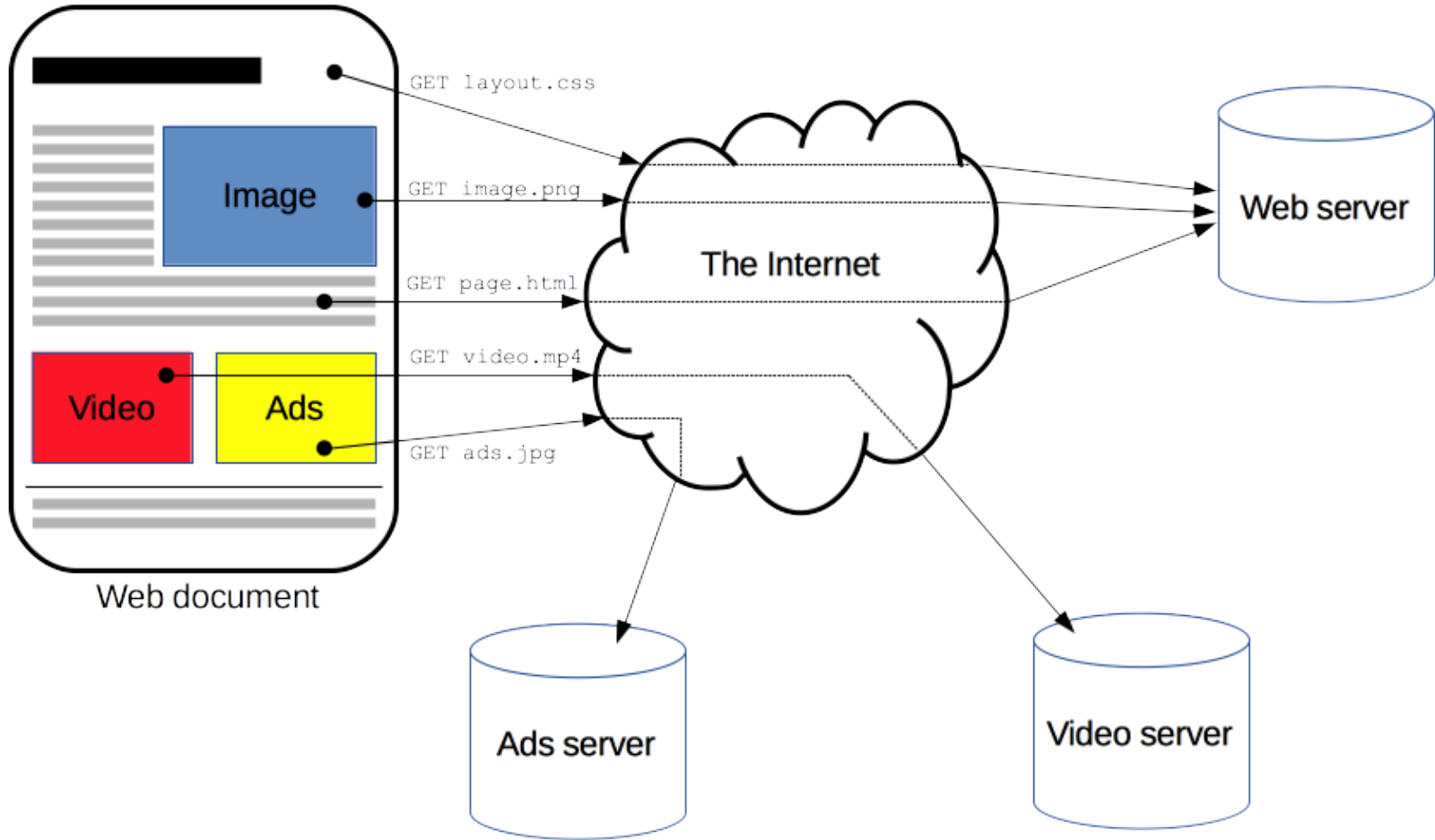
- ☐ Can be “Major” advantage in your job search
- ☐ So, what is a web-based resume?
  - ☐ Created with a programming language called HTML
  - ☐ Set up in a http server so everyone can view it online
- ☐ **Sometimes, this makes a big difference**
- ☐ **Would you prefer to open a file or a web page?**
- ☐ **Also, career fair is coming!**
  - ☐ <https://employment.utah.edu/jobfairs/>
  - ☐ Give your resume a try – summer internship or full time
- ☐ **Of course, this is part of assignment #2**

# HTML

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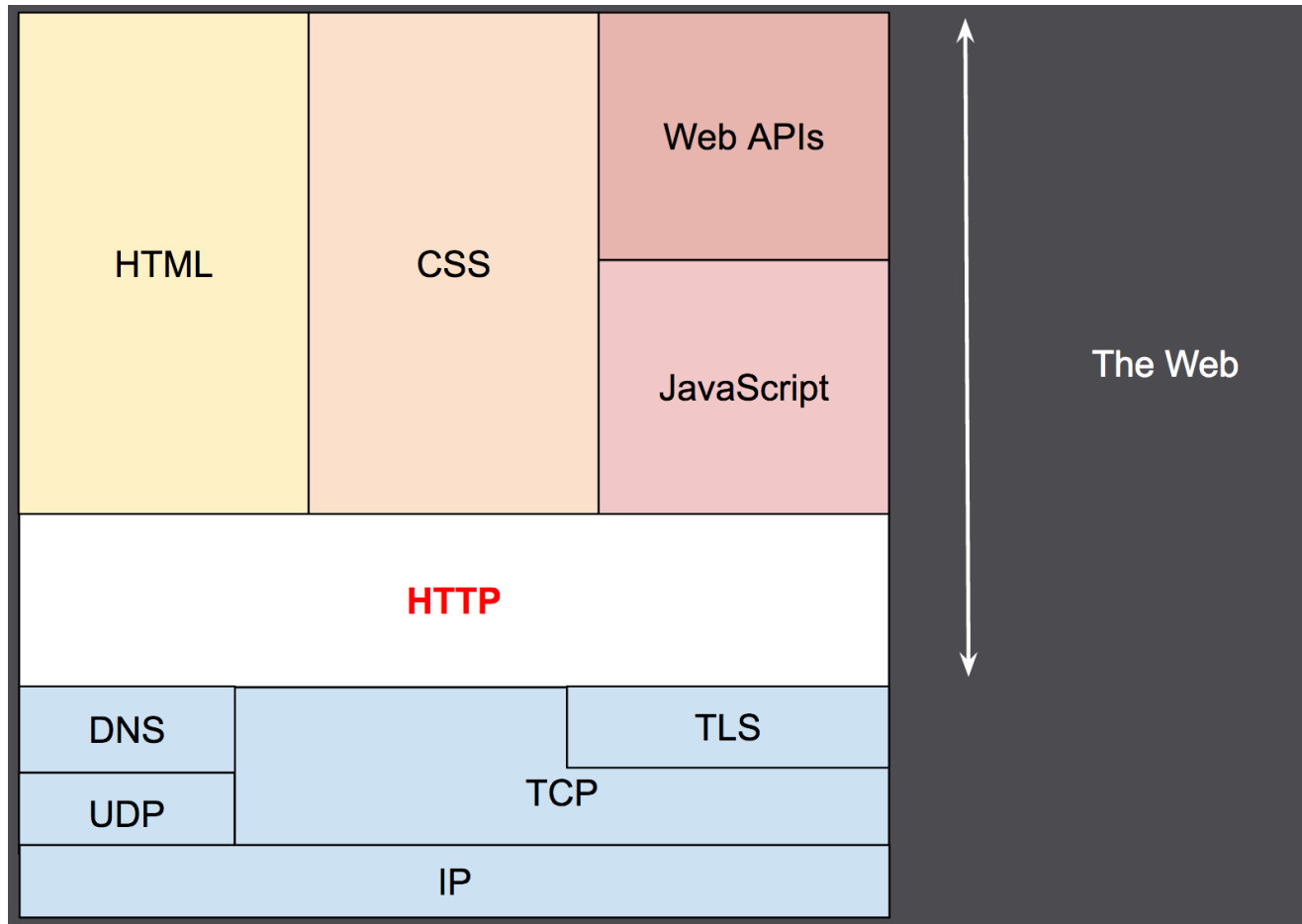
- ❑ **Hyper Text Markup Language (HTML)**
- ❑ **The de-facto programming language for web**
- ❑ **HTML elements are building blocks of HTML pages**
  - ❑ Represented by a pair of <> tags
  - ❑ Different tags represent different elements
    - Heading element
    - Paragraph element
    - Table element ...
- ❑ **<https://www.w3schools.com/>**

# How Does it Work online?



# How Does Client Talk to Server?

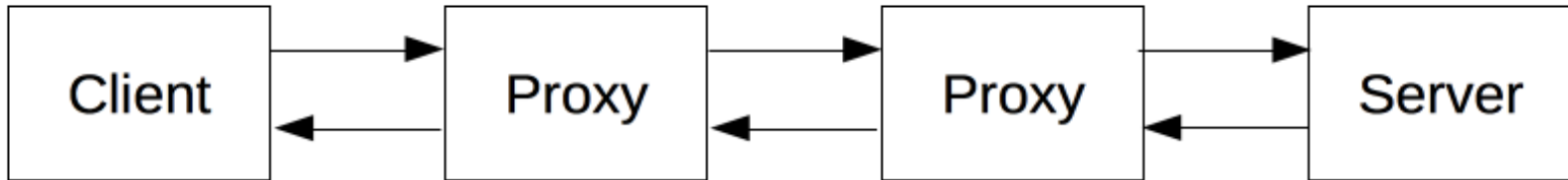
## □ HTTP: hyper text transfer protocol



# Internet is Very Complex Indeed ...

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- ❑ The underlying structure is often many layers



- ❑ We will use GitHub pages as our web server

- ❑ <https://pages.github.com/>

- ❑ We will provide you a template

- ❑ <https://github.com/tsung-wei-huang/cs3992/tree/main/website>

# Let's get started

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- ❑ Create a file “index.html” with a favorite text editor

