# CS 290 : WEB DEVELOPMENT

1. USE HTML/CSS + JAVASCRIPT
2. BUILD A SIMPLE WEBSITE
3. PUBLISH WEBSITE ONLINE
4. 3-WEEKS TO WORK ON PROJECT

## REQUIREMENTS:

- ☐ WEBPAGES MUST BE PRESENTABLE
  - ○ USER FRIENDLY INTERFACE
  - ○ TEXT EASY TO READ
  - ○ CONTAIN PICTURES / VIDEOS
- ☐ WEBSITE HAS 1 HOMEPAGE & 3 SUB-PAGES
  - ○ PAGES HAVE HORIZONTAL MENU LEADING TO OTHER PAGES
- ☐ HOMEPAGE INCLUDES PICTURE-CAROUSEL ANIMATION (SLIDESHOW)
- ☐ SCROLLBOX IS IN ONE PAGE
- ☐ AN UNORDERED HTML LIST W/ SEVERAL ENTRIES
- ☐ BUTTON TO DOWNLOAD FILES (OPEN IN-BROWSER OR DL TO COMPUTER)
- ☐ LINKS TO OUTSIDE WEB-PAGES
- ☐ ANYTHING ELSE FUNCTIONAL

## Tools:

- ☐ APIS
- ☐ DESIGN PAGE BEFOREHAND
- ☐ CITE SOURCES

## WEEK 1:

1. CHOOSE THEME ✓
2. PLAN WEBSITE
3. DESIGN WEBSITE
4. COLLECT MATERIALS
5. SUBMIT PROPOSAL
   - SKETCH OF WEBSITE

## THEMES

1. PERSONAL WEBSITE
   - INTERESTS
   - SHOWCASES WORK
   - WORK AVAILABLE FOR DOWNLOAD
   - EXTERNAL PROFILES : LINKEDIN, GITHUB, ETC.
   - 📖 PHILOSOPHY
   - PICTURES
   - VIDEOS
   - BOOKS
   - TEXT, ETC
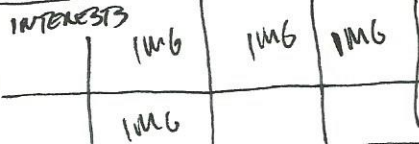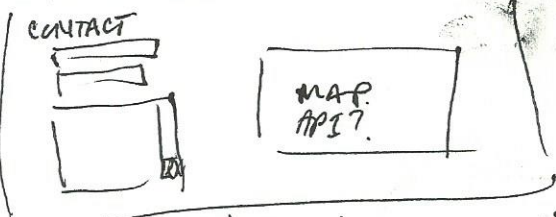   - GAMES

② PROTOTYPE #1

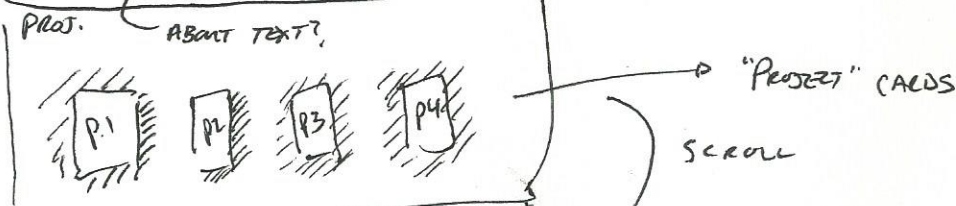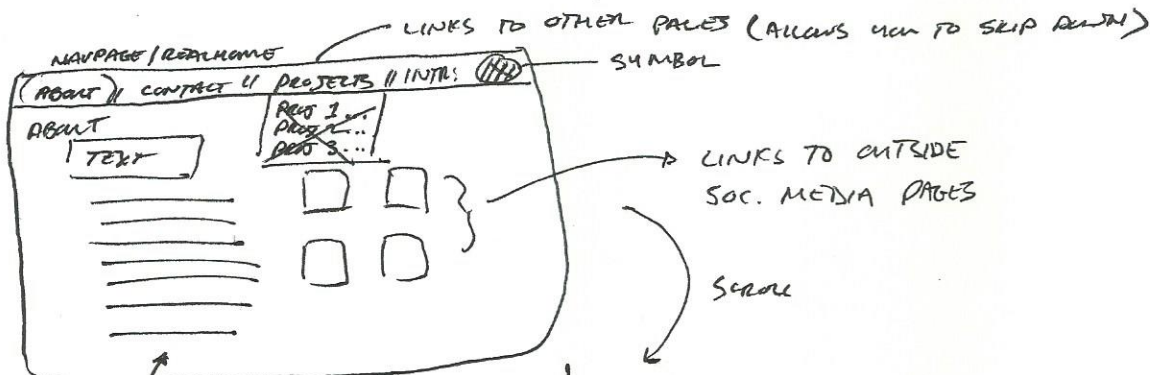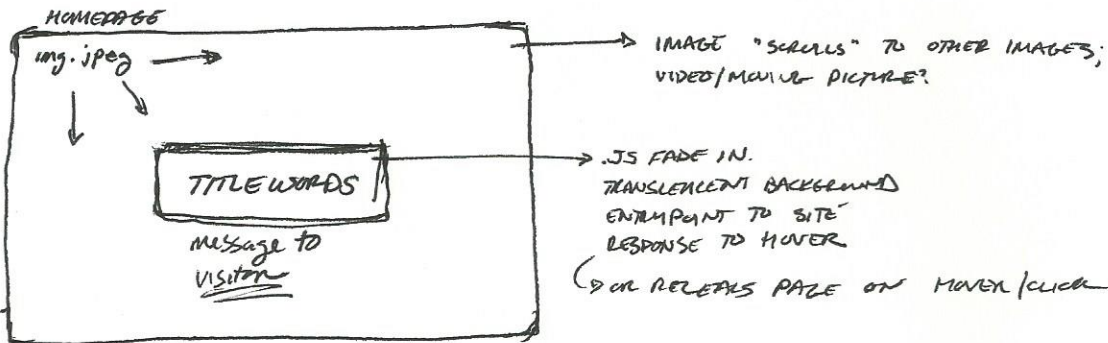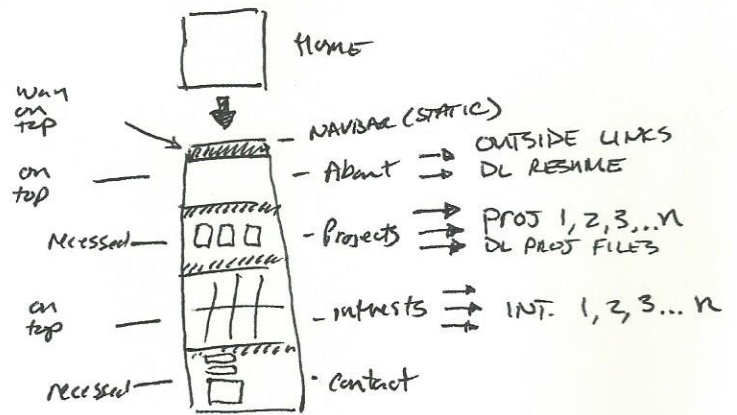WEBSITE GUIDELINES:

1. SIMPLICITY
   - IMAGES/SYMBOLS > WORDS
   - FEWER "CLICKS" = ↑ USABILITY

2. PROFESSIONAL / SHARP / SHINY
   - DROP-SHADOWS
   - RESPONSIVENESS
     - GRADUAL CHANGE IN BUTTONS ON HOVER

3. PARADIGMS:
   1. 2.5D
   2. TRANSLUCENCY / DROPSHADOWS
   3. CARDS

Home
Way on top
on top — NAVBAR (STATIC)
— About ⇒ OUTSIDE LINKS / DL RESUME
Necessd — Projects ⇒ PROJ 1, 2, 3,...n / DL PROJ FILES
on top — Interests ⇒ INT. 1, 2, 3...n
Necessd — Contact

HOMEPAGE
img.jpeg →

TITLE WORDS
message to visitor

→ IMAGE "SCROLLS" TO OTHER IMAGES; VIDEO/MOVING PICTURE?

→ .JS FADE IN.
TRANSLUCENT BACKGROUND
ENTRYPOINT TO SITE
RESPONSE TO HOVER
(> OR RELEASE PAGE ON HOVER/CLICK

NAVPAGE / REALHOME

LINKS TO OTHER PAGES (ALLOWS YOU TO SKIP AROUND)
SYMBOL

ABOUT // CONTACT // PROJECTS // INTR.

ABOUT
TEXT

PROJ 1...
PROJ 2...
PROJ 3...

→ LINKS TO OUTSIDE
SOC. MEDIA PAGES

SCROLL

PROJ.
ABOUT TEXT?

P.1  P2  P3  P4

→ "PROJECT" CARDS

SCROLL

CONTACT

MAP API?

INTERESTS
| IMG | IMG | IMG |
| IMG | | |

} IMAGES > TEXT
FEW INTERESTS

- STARWARS
- SCI-FI
- ARTWORK

- PHOTOGRAPHY
- POETRY
- etc...

(3) REFINED: PROTOTYPE # 2

① image background, slideshow

"HOMEPAGE" - } hours ——→ ∘ link to page below
"subtitle?"

SITE SYMBOL

③ About    Projects    Interest    Contact

a. ABOUT

∘ LINKS TO EXTERNAL SOCIAL PROFILES

∘ DOWNLOAD DOCS (RESUME, ETC)

b, PROJECTS

— lists
— videos
— etc

P1    P2    P3 ——→ "CARDS" having link to Proj Pages.

c. ∘∘∘  ∘ ∘∘∘ >>

} contests & images    link to interest pages

— lists
— videos
— etc.

d. Contact

MAP

— FOOTER