OIM3690 - Web Technologies

Welcome! How are you doing?

Please introduce yourself, including:

- **Who** are you? **Where** are you from?
- Which **year** are you in? What **concentration**?
- **Why** are you taking this class?
- Do you have any **programming experience**?
- How was your **2022**?
- How can we **remember** you?

Social Time

Answer the following question(s) in ***Chat***:

1. Have you viewed **source code** of any web page?
2. Have you used **GitHub** before?
3. Have you created **website(s)** before?
4. Have you heard of **Web 3.0**?

What is this course?

Well, at least I can tell you that this course is **NOT** about...

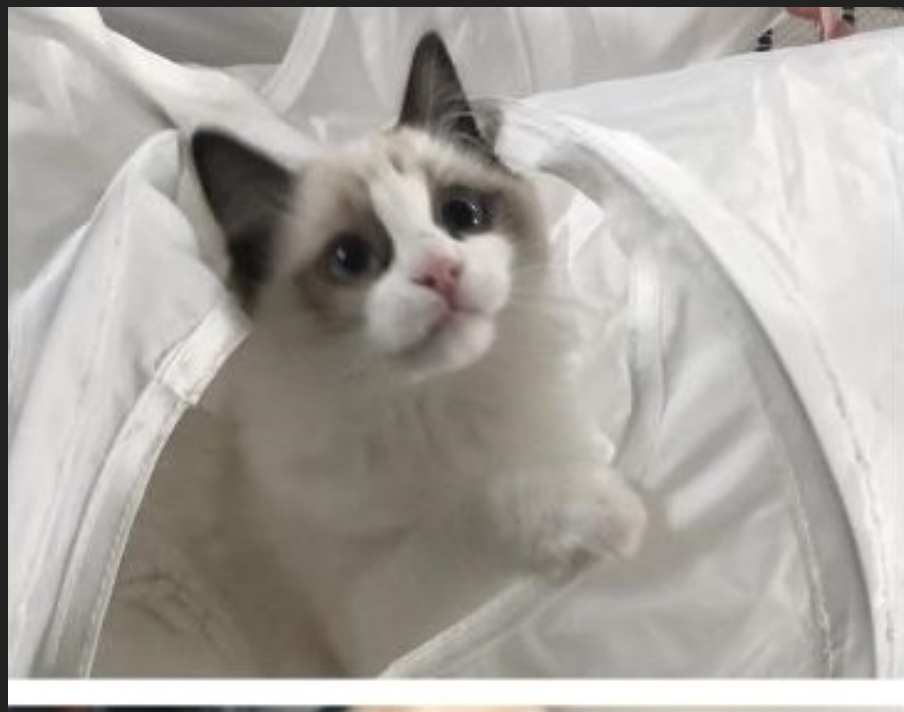
- Web 3.0
- Web **Design**/UI
- Programming languages (except **JavaScript**)
- Back-end/Fullstack/App Development
- Web Analytics/SEO

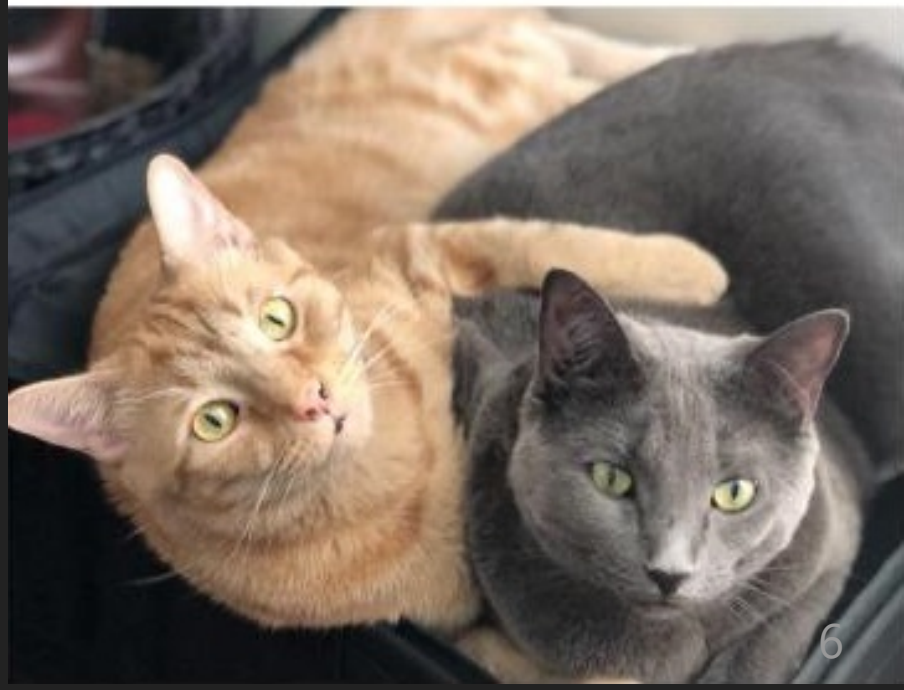
Agenda

- Introduction to the course, syllabus and deliverables
- Term Project (*mentioned*)
- Software
  - Visual Studio Code (with extensions)
  - GitHub Desktop (GitHub.com account needed)
- Architecture of the web
  - How does the web work?

Syllabus

- Instructor: Zhi Li (李直)
- Email: zli@babson.edu
- Office Hour:
  - by appointment
  - Canvas/GitHub/Slack
- Course GitHub: github.com/OIM3690



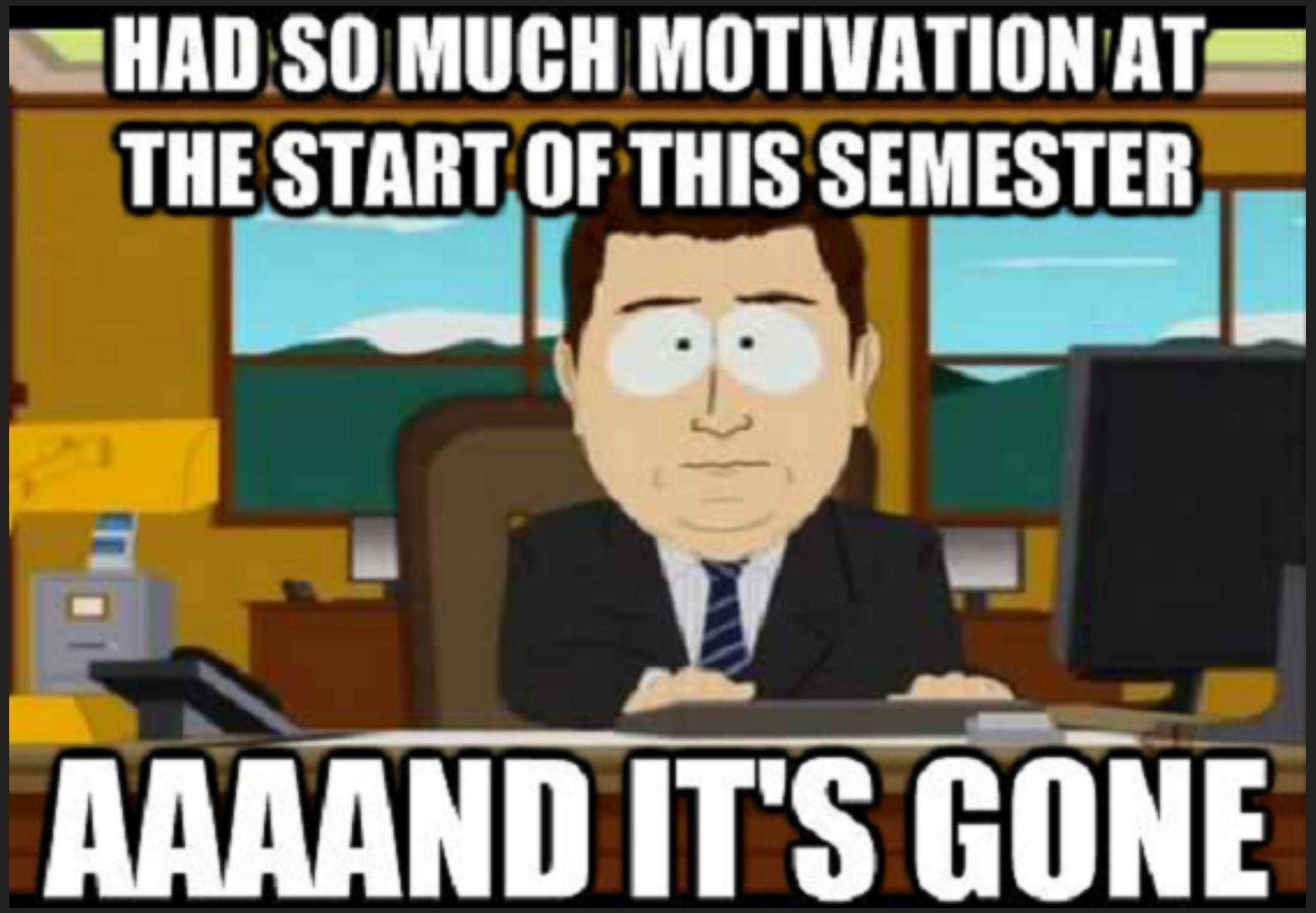


Syllabus

- Course Objectives
- Prerequisites and Textbook
- Software
- Term Project - a personal website
- In-Class Exercises/Quizzes/Graded Homework/~~Exam~~
- Grading
- Course Policies

How to Learn Web Technologies

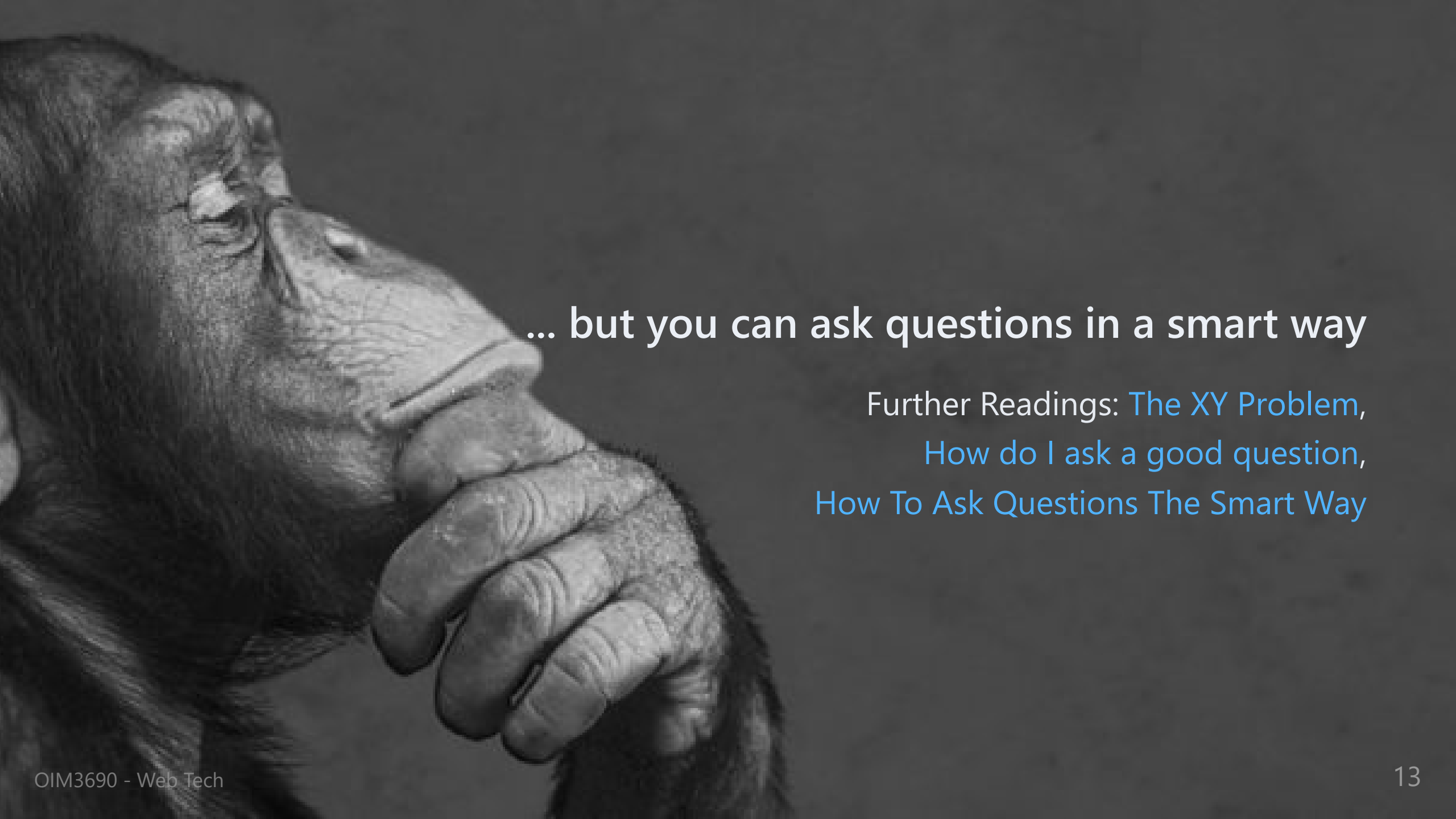
YOU HAVE A LOT OF TIME TO STUDY
AAAAND IT'S GONE


HAD SO MUCH MOTIVATION AT
THE START OF THIS SEMESTER
AAAAND IT'S GONE

Further reading: There's no such thing as bad code

There are NO STUPID QUESTIONS

or stupid answers



... but you can ask questions in a smart way

Further Readings: The XY Problem,
How do I ask a good question,
How To Ask Questions The Smart Way

What If I need to..?

- figure out how to write css to center text?
- fix an warning/error/alert, aka. ***debug***
- find the solutions to XXX?
- hack my router?
- ...?

Google
stackoverflow
reddit
slack

More on How to Succeed in this Course

- Do not take the **"couch potato"** approach
- Think of my code as one of the "answers"
- You need to **CODE BY YOURSELF**
  - This will force you to think in certain ways and ask specific questions
- After you've attempted it yourself, look at my code and think about what you were missing and why

How does the Web work?

- Reading: How the Web works
- Watching: How does the INTERNET work?

ANY
QUESTIONS
?