



PROFESSIONAL BEHAVIOR

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COURSE: CIT 261
INSTRUCTOR: JOHAN BAER




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INTERACTING PROFESSIONALLY WITH THE INSTRUCTOR

Interacting with the instructor has been crucial to clear out doubts and make sure I was on track with regards to the course requirements.

Here is evidence of the communication that took place along the semester:


Feedback for Topic #1 and a question for Topic #7

 Baer, Johan
Mon 5/27/2019 8:45 AM

I see what you did there. I missed lines 52-53 when I looked at your code. I gave you a 10 on the grade, but keep studying this topic. There are easier and more effective ways to implement what you did in your `viewLogs()` function. Keep practicing and experimenting as you go along.

As per your CSS question, it's mostly for the HTML class attributes, but if you want to experiment with the pseudo-classes, have some fun with it and let's see what you can come up with.

Bro. Baer

 Rochira, Andrea
Fri 5/24/2019 1:14 AM
Baer, Johan

Dear Brother Baer,

I noticed new feedback related to my Topic #1 assignment, but I can't really understand why my changes were not appropriate. In the first feedback you asked me to include associative arrays in my web application and sent me a link to study. I included "multiple" associative arrays after studying the link you sent me, but your second feedback was too brief to understand why they don't reflect the properties of associative arrays. In my fluency review I refer to several blocks of code where they are implemented together with functions that retrieve values from them: 52-53, 93-115, 153-178 (<https://rochira-andrea.github.io/CIT261/topic1.html>)

Then I have a question about Topic #7 (manipulating CSS *class* properties). Does the term *class* refer specifically to the HTML class attribute? Does it *also* refer to CSS pseudo-classes?

Thanks in advance for your clarifications.

Have a great day!

Andrea Rochira



Baer, Johan
Sat 6/1/2019 5:24 PM

...

Hey Andrea, good question. I'm not sure where the university (or whoever designed this portion of the course) came up with this term. I had never heard of it either until I started teaching this class.

It turns out the term simply refers to "3rd party library". So, for these topics, you guys have to come up with your own implementations of Transitions, Animations and Transformations, instead of using something like Bootstrap or any other library you can download that does all those things for you and you just have to add a .class to your html file.

Does this make sense?

Bro. Baer

...



Rochira, Andrea
Sat 6/1/2019 3:28 PM

...

Dear Brother Baer,

I'm contacting for a clarification about the "Thought Library". The last three coding topics refer to a *Thought Library* which me and my teammates can't really understand. We all have been searching for it on Internet, but nothing came out of it.

I have a presentation on one of these topics planned for next week, and I' wanted to make sure that I'll target the right material.

I look forward to your reply and thanks in advance for your support.

Have a great day!

Andrea Rochira



Baer, Johan
Sat 6/15/2019 7:53 PM
Rochira, Andrea

👍 ↩️ ⏪ ➡️ ...

Hi Andrea, for topics 11, 12 and 13 you can use a mix of CSS and JS - all I need is to see that you can use those different properties and styles.

Bro. Baer

...

Thank you for your suggestions.

Thank you for the input.

Thank you for the clarification.



Rochira, Andrea
Fri 6/14/2019 9:46 PM

...

Dear Brother Baer,

I'm replying to this old email because I still have a doubt about these assignments (topic 11, 12, and 13). *Are we supposed to use pure CSS or can we mix CSS and JS?*

The confusion comes from the topic 8 title which explicitly mentions JS to trigger CSS transitions and animations.

I look forward to your reply.


Thanks for your support!

Andrea Rochira

...

INTERACTING HELPFULLY AND PROFESSIONALLY WITH OTHER TEAMS

I noticed that the overall participation of the classmates to the discussion boards has been very limited along the semester, probably due to fact that a weekly contribution was not mandatory nor graded, and that working in team or looking for solutions over Internet didn't require to use the discussion board that much. However, there are two meaningful contributions that I can present here:




Dallen Cluff

May 18, 2019

Am I understanding this assignment wrong? I can't figure out how to manipulate css CLASS properties using javascript. I know how to use getElementById, but I haven't a clue how to change css properties of a class using javascript. Any resources or insight would be awesome.

← Reply



Andrea Rochira

May 23, 2019


Hi Dallen, I'm about to dive in this topic and I have your same question; the title seems to narrow down the CSS scope to the *class* properties. That makes me think about two possible implementations (but I may be wrong).

One is the *class* attribute of HTML elements, for example, all the elements of an unordered list can have the same class attribute, so that you can manipulate all of them by using the `getElementsByClassName('class_name')` instruction.

The other one is the set of CSS *pseudo-classes*, used to style attributes not available in the DOM, such as `:hover`, `:focus`, `:not`, `:first-child`, `:nth-of-type` and so on.

UPDATE:

I was not able to make my code work by using `getElementsyClassName()`, but using `querySelectorAll()` together with a for loop to style all the elements returned.



Jimmy Downer
Yesterday

Below is a link to a demo I made for CSS3 Transforms. It applies transforms dynamically via JavaScript, and it uses CSS3 transitions for a "gradual" effect.


Click on each row to open it and play with the values corresponding to each transform.

<https://downer-james.github.io/week08/w08-csstransform.html>

Source:

<https://github.com/downer-james/downer-james.github.io/blob/master/week08/w08-csstransform.html>

← Reply



Andrea Rochira
3:49pm

Jimmy, that is impressive! Thank you for the work you put in it! I'm saving that page in my browser favorite! By the way, I didn't know about the matrix method, which allows to combine all 2D and 3D transforms into one (like a shorthand).

I also found out an online tool that can convert a group of transforms into a single matrix declaration like the following 2D transforms converter tool: <https://meyerweb.com/eric/tools/matrix/>

SUPPORTING THE TEAM BY TEACHING, ETC.

My team has been very well organized and punctual regarding teaching assignments and meeting minutes. We followed very diligently the schedule set at the beginning of the semester. This [link](#) redirects to the team Google Doc we used for that purpose (anyone has access in read-only mode). In case the Google document can't be displayed, here is a screenshot of my teaching assignments:

Week 03							
ASSIGNMENT	MON	TUE	WED	THU	FRI	SAT/SUN	Planned Events - Carried Out for the Week
All		Share link to resource for weekly topic					Shared links and resources were posted to our group Slack CIT261 channel. Weekly scrum updates were made to our Scrum Slack Channel
Presenter: Denise Goetz						JSON Parse, Stringfy 5/11/2019 10am MST	[5/11/2019] Team met on Saturday. Andrea presented topics on Saturday as planned. The presentation was posted in our group google docs as well as in our Scrum Slack area.
Presenter: Andrea Rochira						Using XMLHttpRequest to Consume a JSON Web Service - 5/11/19	5/11/2019] Team met on Saturday. Denise presented topic on Saturday as planned. The presentation was posted in our group google docs as well as in our Scrum Slack area.
All						Team Meeting 10AM MST	

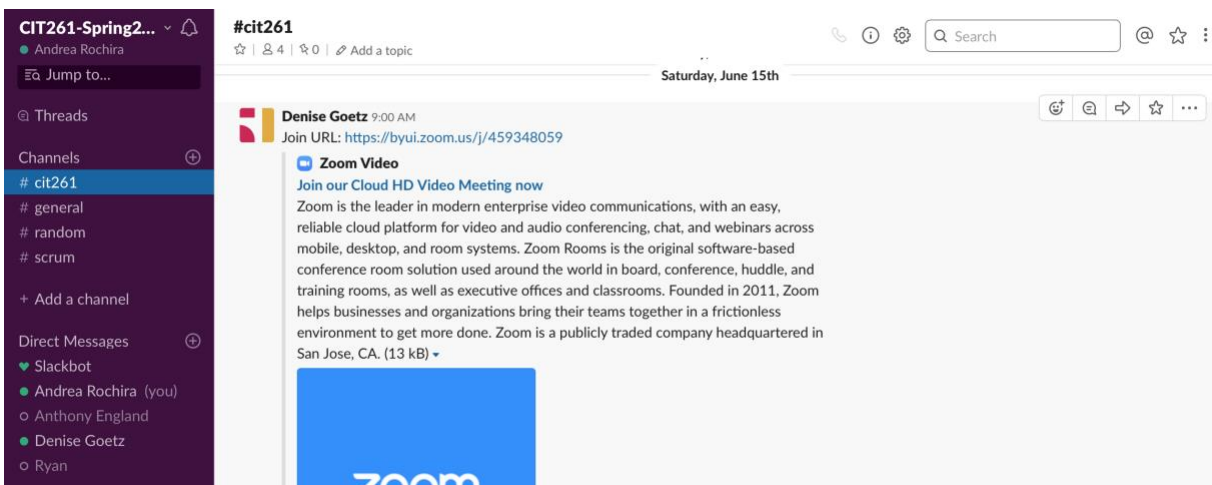
Week 05							
ASSIGNMENT	MON	TUE	WED	THU	FRI	SAT/SUN	Planned Events - Carried Out for the Week
All		Share link to resource for weekly topic					
Presenter: Andrea Rochira						Manipulating CSS Class Properties Using JavaScript 5/25/19	[5/25/2019] Team met on Saturday. Andrea presented topic on Saturday as planned. The presentation on Manipulating CSS Class properties Using Javascript was posted in our group docs as well as in our Scrum Slack area.
Presenter: Ryan Weston						Creating CSS3 Transitions and Animations in CSS and triggering them with JavaScript 5/25/19	[5/25/2019] Team met on Saturday. Ryan presented topic on Saturday as planned. The presentation on Creating CSS3 Transitions + Animations in CSS and triggering them in JavaScript was posted in our group docs as well as in our Scrum Slack area.
All						Team Meeting 10AM MST	We also spent time showing each other things and problem solving problems.

Week 07							
ASSIGNMENT	MON	TUE	WED	THU	FRI	SAT/SUN	Planned Events - Carried Out for the Week
All		Share link to resource for weekly topic					
Presenter: Anthony England						Designing, Defining, and Triggering CSS3 Transitions without Custom Libraries (Thought Library) 6/8/19	[6/08/2019] Team met on Saturday. Anthony presented topic: Designing, Defining, and Triggering CSS3 Transitions without Custom Libraries on Saturday as planned. The presentation on was posted in our group docs as well as in our Scrum Slack area.
Presenter: Andrea Rochira						Designing, Defining, and Triggering CSS3 Transforms without Custom Libraries (Thought Library) 6/8/19	6/08/2019] Team met on Saturday. Andrea presented topic: Designing, Defining, and Triggering CSS3 Transforms without Custom Libraries on Saturday as planned. The presentation on was posted in our group docs as well as in our Scrum Slack area.
All						Team Meeting 10AM MST	

I taught thrice this semester:

1. [Using AJAX to Consume a JSON Web Service](#)
2. [Manipulating CSS Class Properties Using JavaScript](#)
3. [Designing, Defining, and Triggering CSS3 Transforms without Custom Libraries](#)

Besides, we used a Slack workspace as a way to teach and support each other:



SELF-REFLECTION/META-COGNITION

The weekly journal entry provided an opportunity to briefly, but meaningfully, go over the topics studied during the week and outline and impress in mind their main aspects:

WEEK 2 ENTRY

This week I met with my team on Tuesday to plan our meetings for the rest of the semester. I know very well two of my teammates and I'm happy to be on board with them again. The only new teammate has a large experience with programming language, so this course should be a breeze for him, although there are topics which are new to everyone.

I know that a good team is halfway to success.

I didn't join the meeting held on Saturday morning because of personal things to do, but all meetings are recorded so that any teammate can catch up at a later time.

I feel I needed to recover the basics of Javascript before diving into any of the topics required by the course, and so I did. I took accurate notes when I attended CIT160, so memory is coming back pretty fast.

WEEK 3 ENTRY

I learned more about JSON, AJAX and API Web Services. It was actually very interesting and engaging to make these three technology work together. This week was my turn to teach and I enjoy to do it because it pushes me to understand a topic in detail and be ready to answer as many questions as possible. Although this coding topic was appointed as the hardest of the semester, I saw how a good attitude and a diligent search can make all the difference.

WEEK 4 ENTRY

This week I learned that associative arrays are indeed supported by Java. I also got more familiar with converting Javascript objects into JSON strings and viceversa. I realize how demanding is to explain a topic in detail because often it's a very broad concept.

WEEK 5 ENTRY

This week I learned about manipulating CSS properties through Javascript. I had the chance to hold a lesson on the topic and share my understanding and working code with my teammates.

WEEK 6 ENTRY

This week I studied the local storage browser feature. It's nothing but a JavaScript object used to store information in JSON format.

I learned that this "browser memory" has to be used wisely because it's relatively easy to access to it (few lines of JavaScript code). So, the last thing to do is to rely on it to store sensitive data. I was completely unaware that browsers supported such a feature.

WEEK 7 ENTRY

This week I learned more about JavaScript objects, creation functions, and inheritance. I also learned about CSS transform functions and how elements can change their position and size within a page. I also held a presentation about CSS transform functions.

WEEK 8 ENTRY

This week I realized that JavaScript can entirely control CSS properties as well as just trigger the application of CSS properties set in a separated stylesheet.

WEEK 9 ENTRY

This week I learned that JavaScript can control CSS transitions, transforms, animation and DOM elements. I find useful that the same graphic effects can be generated by using pure CSS, or pure Javascript, or a mix of them.

TEAM'S AGILE METHODOLOGY

As a team, we decided to adopt the SCRUM methodology. Although we didn't work on the same project, each team member have been working on 13 coding topics (our Program Backlog); we didn't have any scrum master to coordinate the team during a scrum standup, however, through a weekly scrum standup, usually held on Monday, each team member shared his/her goals for the current week and any achievement from the previous week. We used a dedicated channel on Slack (called precisely #scrum) to hold our scrum standup. Here are all my weekly scrum standups (I missed only week 7 because particularly busy):

scrum - May 6th



Andrea Rochira 11:15 AM

Week 3 scrum standup: I'm almost done with the coding topic #1 (I need to implement one more loop to be more comprehensive) which I plan to submit by tonight; this week I'll focus on JSON parsing and API/Webservice in preparation to my presentation next Saturday.

scrum - May 20th



Andrea Rochira 10:16 AM

Week 4 scrum: I adjusted topic #1 according to the feedback received from our instructor and submitted again. I also submitted topic #3. This week ... [Show more](#)

scrum - May 25th



Andrea Rochira 2:04 PM

WEEK 5 scrum standup: I submitted topic 7 and 10. I held a presentation on topic 7 for my team and I'll now focus on the next two coding topics in the list

scrum - Jun 1st



Andrea Rochira 5:51 PM

Week 6 Scrum: I submitted topic 5 (local storage) for grading. Now working on topic 12 for my next week presentation. I contacted Bro. Baer via email ... [Show more](#)

scrum - Jun 10th [View in channel](#)



Andrea Rochira 10:02 AM

week 8 scrum standup: I submitted topic #12 and topic #2; I will now focus on topic 11 and 13 this week

scrum - Jun 24th



Andrea Rochira 9:17 AM

WEEK 9 scrum standup: I submitted topic #6, #9, #11 & #13. I'll now focus on my final project idea and professional behavior document