

CS 314: Data Structures

First Discussion Section! - Spring 2021

Sam's Section

Slides I make this semester will be available on my website: cs.utexas.edu/~slaberge

What are we doing here?

Typical Agenda

- Quick discussion about Assignments/Lecture
- Break into groups to work on a problem
 - Allow & encourage participation from everyone!
 - One Canvas submission per group
- Reconvene and discuss solution
 - And if we have extra time we'll do more problems.... 
- I can take more questions after discussion section is over
 - But if you need help with your code for assignments, please go to Help Hours

What are we doing *today*?

Today's Agenda

- This Slideshow :-/
- Choose a section name
- Break into groups to work on Algorithm Analysis problems
- Reconvene and discuss!
- Time permitting, talk about Code Camp

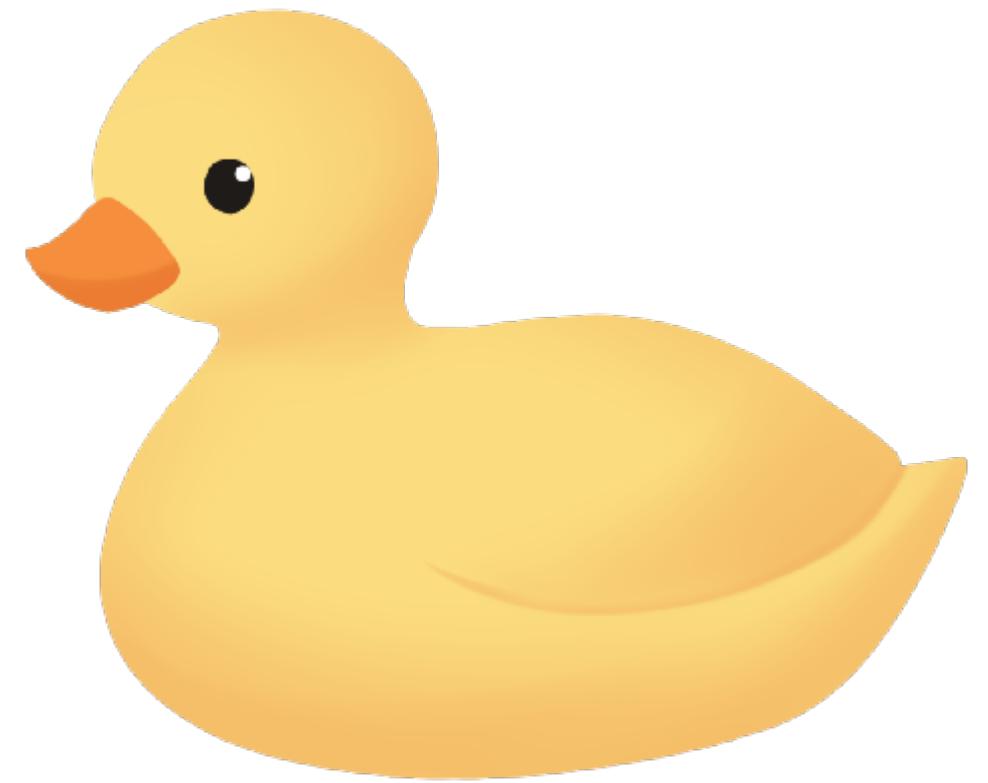
Zoom Logistics

- Please turn your cameras on if possible
 - If you can't have it on for some reason, please let me know (over Canvas) before/after discussion
- Enter & leave breakout rooms quickly!
 - I'll try to warn y'all a minute before I want you to come back to the main session
- If you have a question, just unmute yourself and ask or type it in chat
 - If this becomes too chaotic, we can switch to raising hands

Help Hours

(formerly *Lab Hours*)

- 1-on-1 time for asking questions about assignments & lecture
- You can go to any TA's (or Mike's) help hours
 - Mine are Monday 3-5pm, Wednesday 10am-12pm
 - If you have questions you think only I can answer (e.g. my style preferences) and can't make my help hours, contact me!
- The line will get ***quite*** long later in the semester, so start assignments early!
- Sign up here: cs314.utcselphours.com



If you have no idea why we seem
obsessed with ducks, see: [Rubber Duck](#)
[Debugging](#) (but also cuz they're cute)

About Me

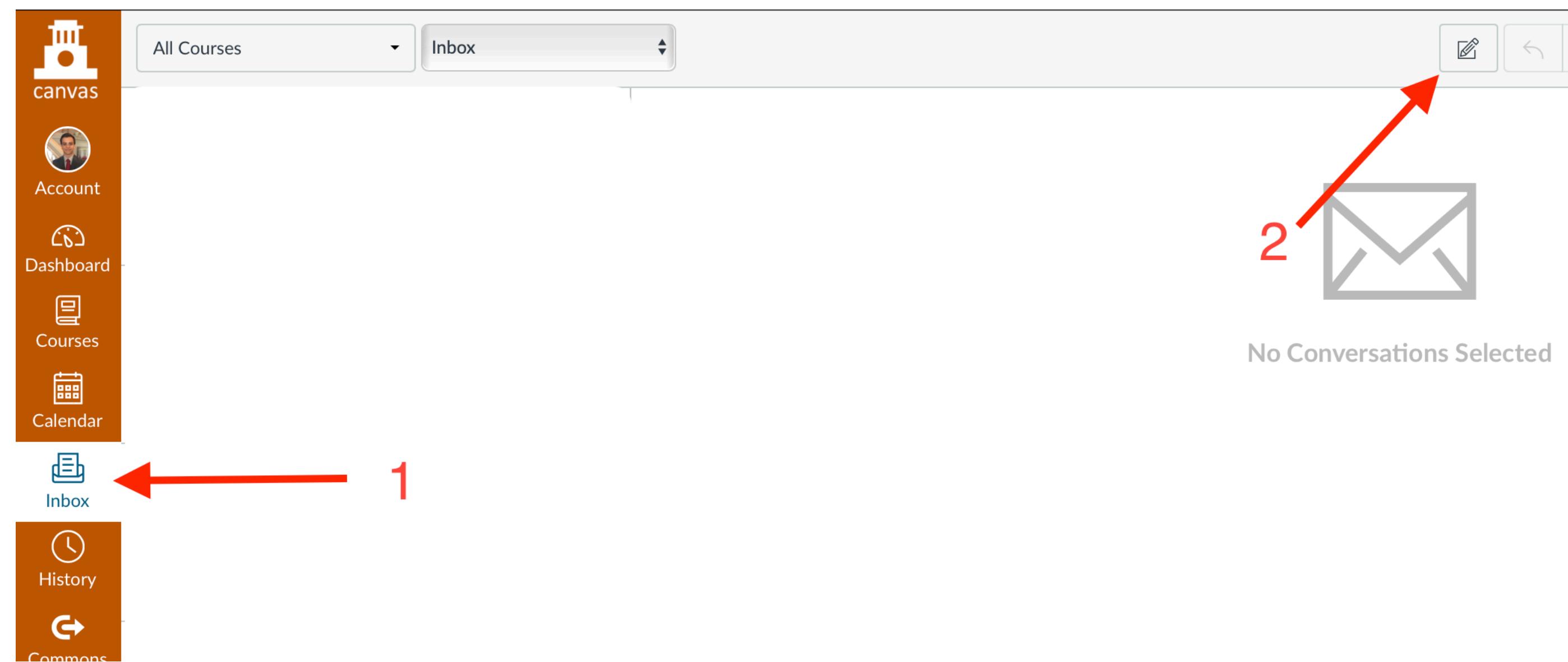
Samuel Laberge

- Born in Québec, Canada
- Grew up in Québec & El Paso, Texas
- Junior in CS at UT
- Took 314 in Spring '19
- TA'd for 314 Fall '19, Spring '20, Fall '20
- Feel free to ask me about anything
UTCS: classes, professors, internships,
etc!



How to Contact Me

- For questions about assignments, exams, and class logistics, please use Piazza.
- For more personal questions, like grades, please message me through Canvas.
- I should respond within 24 hours, if I don't follow-up with me

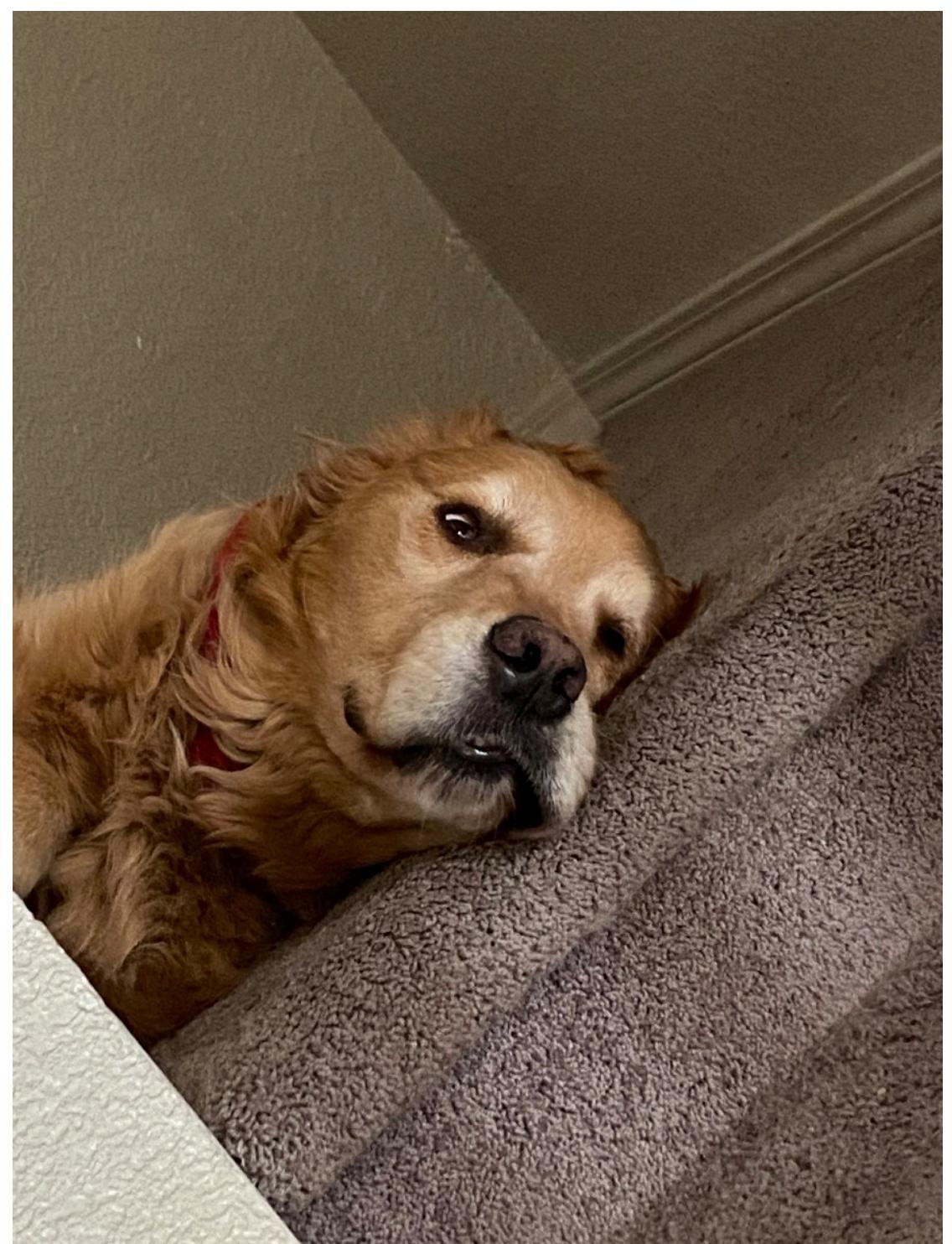




Motorcycle adventures in New Mexico



UT University Orchestra



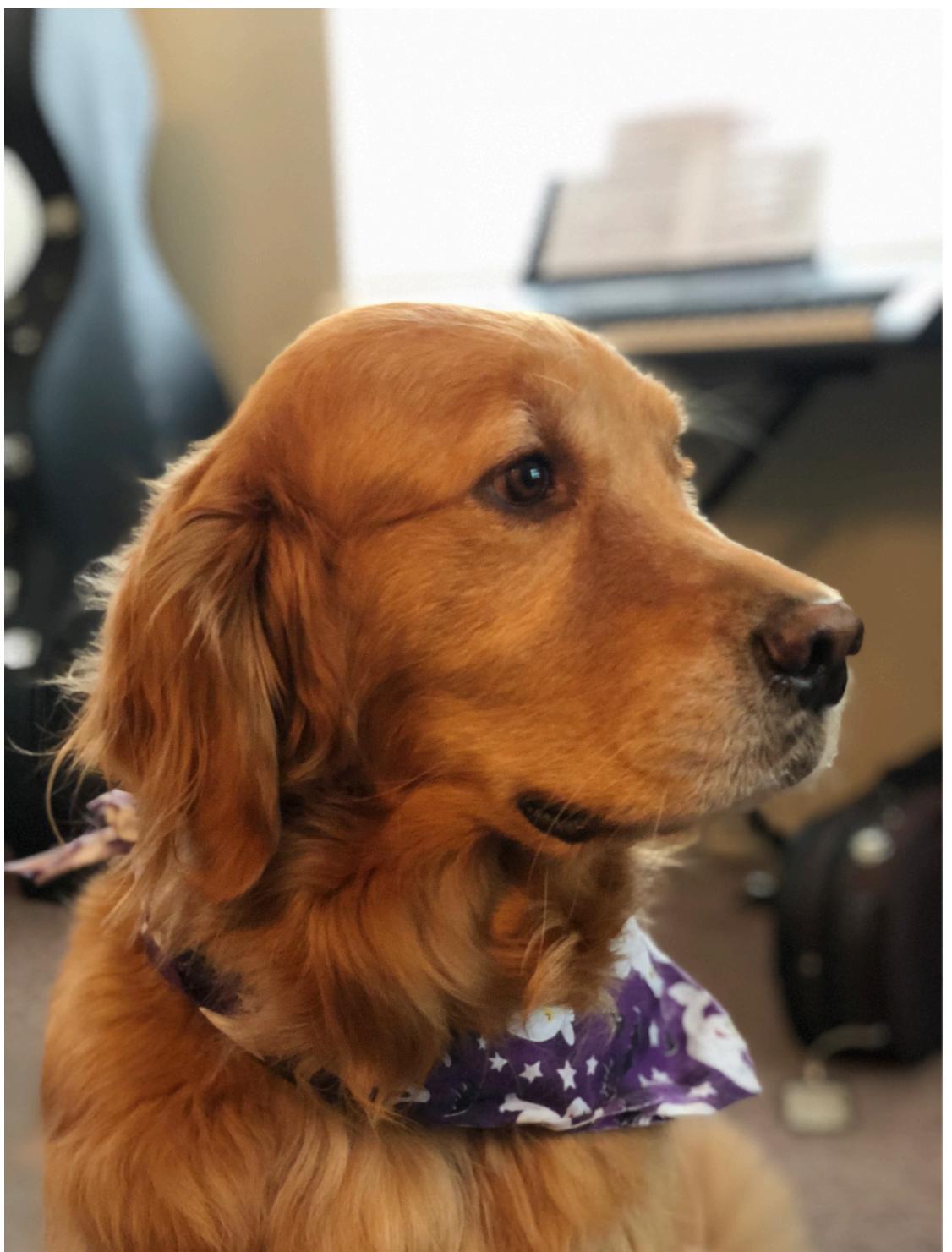
doggo



Motorcycle adventures in New Mexico



UT University Orchestra



more flattering pic of doggo

Time to choose a Section Name!

Code Camp Common Mistakes

Assignment Discussion

- Be wary of repeated/redundant code!
 - If you ever notice that you're writing very similar code more than once, it may be redundant. Try to find a way to generalize it (TAs can help with this in Help Hours)
- Formatting:
 - Every method should have a comment above it describing what it does, any preconditions, and ideally a description of parameters it expects
 - Keep lines under ~100 columns wide
 - Methods should be under ~25 lines