



# CS 35L - Software Construction Lab

Section 6, TA Madhu Kannan



## more about me...and you!

Obviously, virtual learning means I don't really get to see any of you or have the same kinds of interactions. Please fill out this Google form so I can get to know a little more about your background - it'll help me tailor the lectures for this quarter to best serve you.

<https://forms.gle/wfvAAnvHgL2NcSkZ9>



# welcome to fall 2020!

Office Hours: Tentatively sometime Wed. afternoon and Friday afternoon, or by appointment

Zoom OH , Zoom Lecture Links: on CCLE

Email: [mkannan@ucla.edu](mailto:mkannan@ucla.edu)

Assignments: Submit to Gradescope, under Course Apps section on CCLE.

Questions: Piazza

Course Website: <https://web.cs.ucla.edu/classes/fall20/cs35L/>



# welcome to fall 2020!

- Don't hesitate to ask questions - whether privately through the Zoom chat, or over email, or whatever. If you ever need separate time outside of class or OH to get help, we can schedule extra time.
- Lectures will be recorded and posted on CCLE, along with slides. I understand that due to time zones, overlapping classes, etc., people may not always be able to make it to lectures at the given time. That's okay!
- We will have presentations (over Zoom) during Weeks 9 and 10. I *do* take attendance for those days, so if you have a good excuse for being absent on those days, make sure you let me know ahead of time. If you think you won't be able to make it for any of those days, email me, and at my discretion I will allow people to record presentations ahead of time.



# schedule of assignment topics

1. basic linux/emacs
2. ssh
3. shell scripting
4. python
5. basic C
6. advanced C using system calls
7. linking
8. basic git
9. advanced git
10. Presentations on current topics in CS



# grading

50% assignments

10 assignments, worth 5% each

45% final

final format: 4 hours, open-book, open-notes, open-Internet

5% participation (**new!**)

weekly quizzes on CCLE; unlimited tries to get 100%

late policy (EXCEPT assignments 9 & 10):

For an assignment submitted between  $n$  and  $n+1$  days late,  $2^n$  % of assignment grade deducted.



# how to approach this course

- realistically, some of these assignments will take several long nights of coding and debugging, depending on your starting comfort level with these topics
- start early, don't be afraid to ask questions
- if you need extra help, outside of lectures or office hours, I'm always happy to meet (virtually) outside of those scheduled times
- there are 4 different TAs teaching this course at the same time, and all 4 TAs are responsible for grading 2 assignments each for the entire class, not just the section we teach, to provide a uniform grading style.
- I recommend at least skimming through other TAs slides; we are doing our best to sync up our lectures, but please let me know if there's something you'd like me to cover that you saw in one of the other slide sets



## past slides

You can find all my slide decks from last quarter here:

<https://drive.google.com/drive/folders/1m46olimz7mDwZC2SA3UC0frRzphPTi3R?usp=sharing>

The slides I upload every week on CCLE will contain slight differences: minor tweaks to catch errors, add examples, change dates, etc. If you want to jump ahead with content, however, you can use these past slides.





# cheating

Please don't. We can and do catch it, and have to report it.

Cheating includes:

- directly copying code off Github, or any other online resource
- directly copying code off a friend

Cheating does not include:

- working together on an assignment
- helping a friend debug their code
- using online resources like Stack Overflow, etc. to debug when you run into a problem

When in doubt about whether something constitutes cheating, ask!