CS 2110 - Lab 01

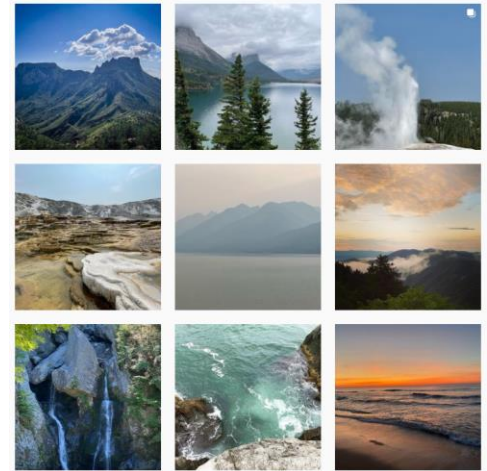## Introductions & Docker Installation

Wednesday, May 18, 2022

TA Introductions

- Your TAs are here to help you succeed
- They will be present in lecture, lab, office hours, or virtually through Ed-Discussion
- You can also reach TAs by email

  - TA emails are listed on Canvas as well as in the upcoming slides
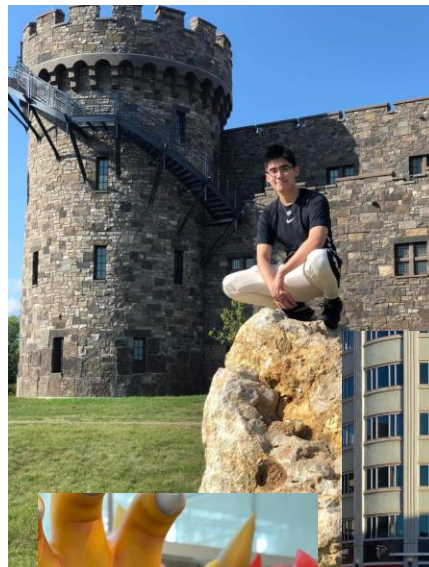
Shawn Wahi (Head TA)

- 4th year CS Major (Devices and People)
- 7th semester as a TA, 5th semester as a CS 2110 TA, 4th semester as a CS 2110 Head TA
- Email: shawn.wahi@gatech.edu (replies might take time – I usually get 50+ CS 2110-related emails per day, which all need to be addressed differently)
- No set office hours but available by appointment
- **Interests:** Hiking, tennis, skiing, travelling, technology (duh), finance/economics, meteorology, pizza, sushi, coffee, photography, piano, and football (Dallas Cowboys)
- **My biggest goal as Head TA:** to be easily approachable by all students

Jason Ng

- **Hello! ¡Hola! 大家好。안녕하세요~ اَلسَّلَامُ عَلَيْكُمْ**

- Chinese Venezuelan
- 4th year CS major (Devices & Intelligence)
- 3rd semester as a CS 2110 TA
- Office Hours: M/W 12:00pm – 2:00pm
- Email: jng70@gatech.edu
- Interests: game programming, gaming, learning languages, late-night Ed-Discussion (RIP Piazza) grinds, helping you succeed!
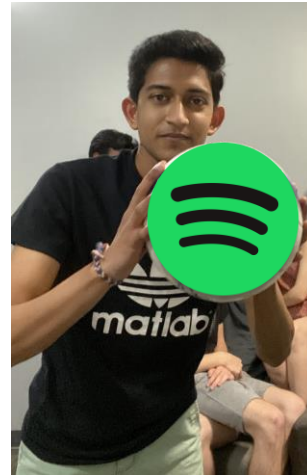
John Ever

- 4th Year CS Major (Devices and Intelligence)
- 4th Semester as a CS2110 TA
- Email: jever3@gatech.edu

Udit Subramanya

- 3rd year CS Major (Intel & Devices)
- 3rd semester as a CS 2110 TA
- e-mail: usubramanya3@gatech.edu
- Office Hours: T/R 12:30pm – 2:30pm
- interests: *cars, music, robotics & dogs* :)

Jessi Chen

- 3rd year CS intel + info
- 2nd time TAing, but 1st semester as a 2110 TA
- Email: jessi.runjie.chen@gatech.edu
- Interests: anime, marvel, martial arts, snowboarding, digital art & drawing, Cybersecurity

What is Lab?

Taught by your TAs

Every Monday & Wednesday 3:30 to 5:40pm

See [Living Schedule](#)

We are in Lab right now!

What do we do in lab?

- Course **Announcements**/Feedback from TAs
- **Attendance** taken through lab attendance quizzes
- Review concepts from lecture
- Reinforce concepts through practice
- Take course assessments (Timed Labs & Quizzes)
- **Ask questions!** *It helps you, your classmates and your TAs*

3 Types of Lab

- **Neither Quiz Nor Timed Lab** (today, yay no stress!) - consists of a review of material and a lab attendance quiz
- **Quizzes –** Taken on Canvas (Closed Notes)
  - Quizzes will take place during the first 75 minutes of lab
- **Timed Lab –** Submit files to Gradescope (Open Notes/Book/Internet)
  - Assessments similar to homeworks, but timed
  - Timed Labs will take place during the first 75 minutes of lab

- After assessments, lab will continue covering material like normal
- If you need to take the assessment at a different time, please let your professor or head TA know ahead of time

What are Lab Attendance Quiz?

- *Mandatory* assignments to complete during your lab for attendance
- Purely designed to help you learn material and solidify knowledge
- Feel free to collaborate with other students and ask your TAs for help

What are Quizzes?

- Canvas Quiz
- 75 minute assessment at the beginning of lab
- **Closed notes/books/internet**

What are Timed Labs?

- Submitted on Gradescope
- 75 minute assessment at the beginning of lab
- **Open notes, book, and Internet**
    - **Do not talk to anyone else!**

Getting Attendance Credit for Lab

- Labs will have a Lab Attendance Quizzes (Canvas Quiz)
  - You must get 100% on the lab assignment to be marked as present (unlimited attempts)
  - The answers to the lab attendance quiz will be given throughout each lab
  - Lab attendance quizzes will close 15 minutes after lab ends
- **You must have 100% on the lab assignment to be marked present.**
  - Talk to your lab TA and Head TA if there are extenuating circumstances

Lab Grading

- Attendance Based
  - **Can have up to 3 unexcused absences without penalty**
  - 0.5% points deducted for each additional unexcused absence after 3 (total loss of up to 3% of final grade)
  - Any excused absence does not count toward this policy
    - Email Shawn (Head TA) at shawn.wahi@gatech.edu for excused absences

Demos!

- Some completed homeworks need to be demoed
  - Demo score counts as part of the homework grade
  - **Must sign up for a demo slot at least 24 hours in advance**
    - Rescheduling must also happen at least 24 hours in advance of your slot
    - If you cannot attend any slots, email Shawn (Head TA) at shawn.wahi@gatech.edu before the week of demos
    - Sign up before the start of the first demo slot to be guaranteed a slot
  - You may not sign up for more than one demo slot per homework
  - If you miss your demo, you can't sign up for another
    - You may make up one missed demo for *half* credit at the end of the semester

How do I succeed in CS 2110?

- Go to lecture
- Go to TA office hours (will be finalized on Canvas by this Monday)
  - In-person only
  - **Logistics to be announced soon**
- Go to the professors' office hours
- Use Ed Discussion
- Email your TAs about questions you have!
  - **Please *do not* Canvas message us, email instead!**
- For advising questions, please see your assigned advisor or your professor
  - We cannot answer questions about scheduling, other courses, etc.

General Course Etiquette

- Please put "CS2110" in the subject of any emails so we can identify it
- If your Ed post has sensitive information (or your homework answers), make it private
- Title your Ed posts descriptively (e.g not "Need help debugging")
- Search for potential relevant/identical posts before making a post
- Lastly, we would appreciate no threats to any of the TAs (yes this happened lol)

Today's Lab Assignment: Docker Installation

1) Open up Canvas
2) Go to **Files → Docker Resources → Docker_Guide_2110.pdf**
3) Follow the instructions
4) If you need help, view the following Ed-Discussion threads or *ask your TAs*

   1) https://edstem.org/us/courses/22267/discussion/1517512

   2) https://edstem.org/us/courses/22267/discussion/1521324