Course website:
https://uiuc-cs101-sp25.pages.dev/

CS101 Course Introduction

ILLINOIS | *Liia Butler*

Nico Ritschel

Objectives

Welcome to CS 101!

- Meet your instructors and your TAs.
- Find the syllabus and getting started guide on the main web page.
- Open the lecture content on PrairieLearn and write some simple Python programs.
  - Print a greeting
  - Store some text into a variable
  - Store a number into a variable
  - Start the post-class activity and get your first points.

Let's meet the instructors!

Instructor Introduction

Liia Butler (IEE-ah bUHt-luhr) (she/they)

- 6th year CS PhD
  - Research Area: CS Education
- 4th semester with CS101
- I like crocheting ties and plushies
- I don't like pickles

Instructor Introduction

Nico Ritschel (rit-shell)

- Post-doc in CS education
  - Did PhD at UBC in Software Engineering
- 1st time with CS101
- I like hiking, rock climbing
- I also don't like pickles
  - …but I do like pineapples on pizza!

Now let's meet the TAs!

TA Introduction

Adit Agarwal (au-dit uh-gar-wal)

- 2nd Semester MCS
  - Undergrad at UIUC!
- 1st semester with CS 101
- Hobbies: Cooking & Baking, Guitar, Archery, *and more!*
- Pickles are great, not sure where this is slander is from

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TA Introduction

Parisa Rabbani

- 2nd year Ph.D.
  - Human AI collaboration
- 1st time with CS101
- I have a cat named Blu!
- I prefer emotional support pickles over edible ones.

TA Introduction

Erkai Yu

- 1st year MSCS
  - Research area: Software Testing
- 2nd time with CS101
- I like playing chess and building chess engines.
- I enjoy long-distance running.

TA Introduction

Joshua Johns

- 1st semester MCS
- 1st time with CS 101
- Hobbies: Reading, Volleyball, Drawing, Writing, Doomscrolling
- Pickles: Everything but pickle chips and picklewiches >:]

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TA Introduction

Charlotte Kiesel
(Shar-lit Key-zul)
[ʃeɹlɪtʰ kʰizɫ]

- 6th year Ph.D.
  - Computer-Assisted Second Language Pronunciation
- 11th time with CS101
- Hobbies include, but not limited to arts and crafts, hiking, and acting
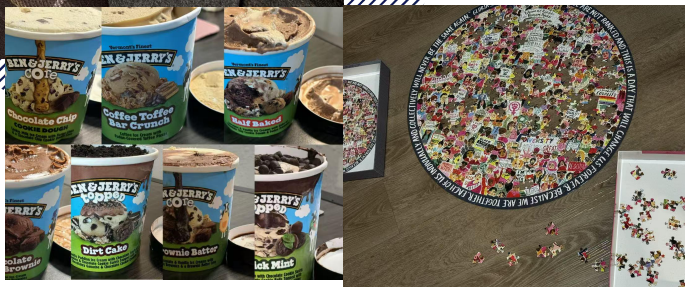- Most pickles are great. Sweet pickles are not.

TA Introduction

Qiuhan Gu (Chiew-han Gu)
(she/they)

- 1st year MSCS
  - Research area: Compiler Testing, AI4SE
- 1st time with CS101
- I like chocolate ice creams (B&J is my favourite!) and jigsaw puzzles.
- I like pickles :).

TA Introduction

Jianli Jin

- 1st year MSCS
  - Research area: Distributed sys & security
- 1st time with CS101
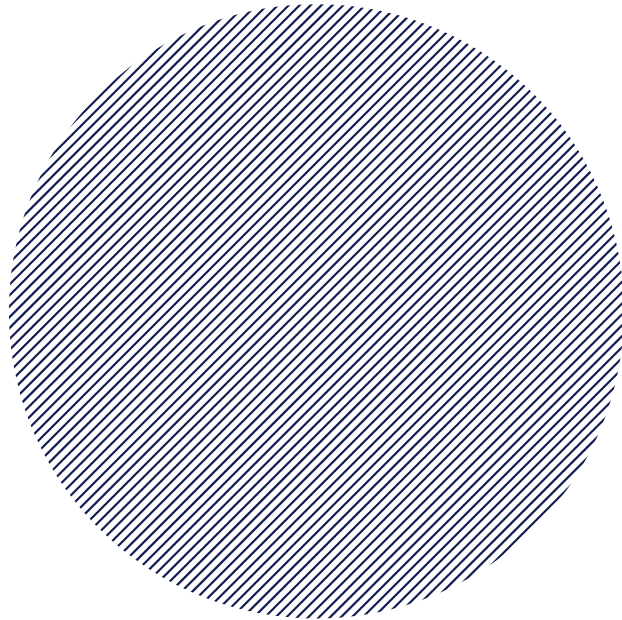- I like playing badminton and like drawing.
- Pickles: Fine

TA Introduction

Zane Fink

- 5th-year PhD Student
  - Research: HPC/Programming Models
- First time CS 101 TA
- Hobbies: Running, skiing, SCUBA diving
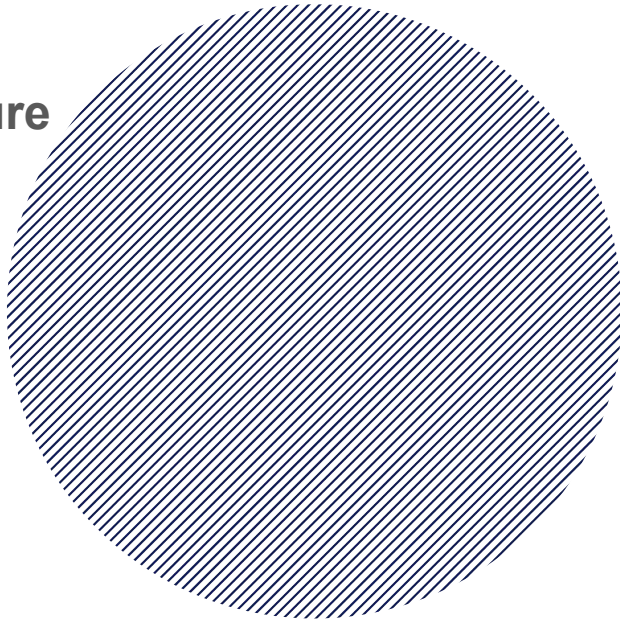- Pickles: No

TA Introduction

Dipayan M

- Ph.D Student in Dept of CS
  - Energy-Efficient Systems

- Veteran CS101 TA
- I enjoy swimming and tennis

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TA Introduction

add
picture
here

Name

Some getting to know you bullet points

Now let's go over some important syllabus information!

Find things!

- The course web site is at https://uiuc-cs101-sp25.pages.dev/
  - Things to see: the syllabus, "Getting Started" information, the course schedule…
- Campuswire: (See syllabus)
  - Course forum for asking (and answering!) questions
- Prairielearn: https://us.prairielearn.com/
  - Where you will access the lecture content and all assignments
  - Be sure to enroll in "CS 101: Introduction to Computing for Engineering and Science, cs101-sp25"
    - That's us!

Grading: Homework-like things

- Every lecture has attached to is a small assignment or lesson.
  - Part of it is done in class via a Jupyter Notebook.
  - Part of it is in a "traditional" Prairielearn question.
  - Collectively these are worth 5%.
- Once a week there is a homework set.
  - A bit larger, designed to help you program more interesting examples.
  - Collectively worth 25%
- You have one week to complete
  - There is a late deadline for 80% credit up to one week after the deadline that happens automatically.

Grading: Mini Projects (MPs)

- You will also have 4 mini projects, starting later in the semester
  - Larger and more challenging, designed to help you see how we can create something out of code to accomplish specific tasks.
  - Collectively worth 10%
  - You have two weeks.
    - There is a late deadline for 80% credit up to one week after the deadline that happens automatically.

Grading: Labs

- There are labs sections
  - Two hours each week
  - In person, emphasizing group activities.
  - Collectively worth 25%.
  - There is a form to request a makeup if you miss your lab
    - You **must** be signed into your Illinois account to fill out form
    - You **must** submit the form the week of the lab your missing
      - E.g., if I'm missing the first lab, I must submit the makeup request form during the week of Jan 27th-Jan 31st.

Grading: Quizzes

- There are five quizzes.
  - All in the Computer Based Testing Facility (CBTF).
  - Collectively worth 35%
- Email us if you are going to miss one.
- **Final exam is optional!**
  - Each quiz will have a "second chance" version.
  - You can take as few or many as you want.
- if q is the quiz, s is the second chance, your new quiz score, $q0$, will be:

$$q0 = \begin{cases} s & \text{if } s > q. \text{ (I.e., full replacement)} \\ \dfrac{(q+s)}{2} & \text{otherwise. (I.e., the average of the two)} \end{cases}$$

Generative AI

- Your goal in this class is not to get points!
  - Unfortunately, that's what we can measure.
- You can use ChatGPT and friends, but:
  - You must cite it in your code if you use it.
  - You must be sure to check its work.
  - You must be sure to learn from its answers.
    - (you will not have access to ChatGPT on your quizzes!)
- Especially getting started, please consider utilizing CampusWire and office hours if you need help instead!

Course Communication - General Guidelines

- Have programming or concept-related question?
  - Ask on Campuswire
  - Attend office hours
- Need to make up a lab?
  - Fill out the lab makeup form found on the course website
- Have lab-related questions?
  - Email your lab TA!
- Have other questions?
  - Check the course website to see if the information is there
  - Email **both** instructors
    - liiamb2@illinois.edu
    - ritschel@illinois.edu

Questions?

(Then we'll do some programming!)