

Welcome to LS 591!

# Agenda

- Pizza + Ice Breaker!
- Course Overview
- Departmental Values
- Activity & Discussion
- Discord Access, GitHub Accounts

# Tell us about yourself

Name

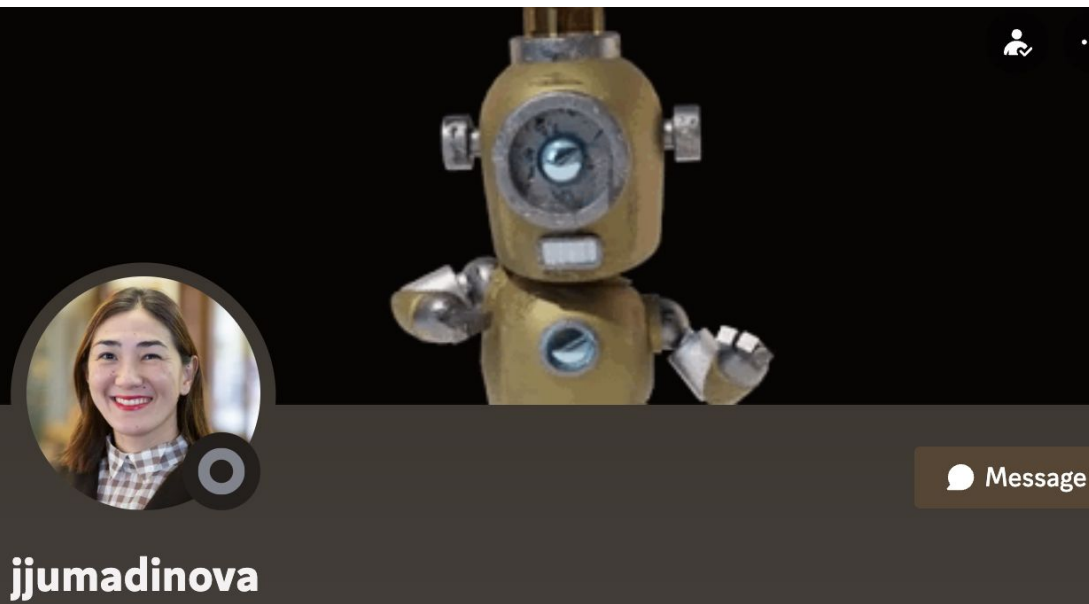
Song that you would like to listen to

Favorite ice cream flavor

random fun fact?



# Guest Spotlight!



# Course Overview

# LS 591 - Computational Skills and Problem Solving

## Course Overview

- 2 credits, pass/fail
- This course is a hands-on, activity-based study group for developing skills related to computers and computational thinking
- It is imperative to attend class because a majority of activities take place in class, collaboratively
- There are only 5 meetings after today after Friday iTea

# LS 591 - Computational Skills and Problem Solving

The benefits of participating include

- reviewing or learning how to organize and find files on your computer
- reviewing or learning tricks for troubleshooting computer problems
- reviewing and practicing problem-solving skills
- reviewing and practicing algebra-based logic
- guaranteed slot in CMPSC 100 next semester
- one extra homework token for CMPSC 100

# LS 591 - Computational Skills and Problem Solving

Check the Syllabus for detailed information on

- Instructor office hours
- Course Schedule
- Policies

## Grading

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Credit/No Credit. Grades will be determined based on participation. Participation includes attendance, asking questions in class, completing in-class group activities, taking notes, and completing individual work outside of class such as writing short reflections.

## Absences

Due to the short nature of the course, more than 1 absence will automatically result in a failing grade except in extenuating circumstances. Please talk to the instructors if you have further questions.



# LS 591 - Computational Skills and Problem Solving

Activities for the course involve:

- Estimating the unknowable
- Filing video game characters
- Typing songs + racing on Wikipedia
- Learning about your future @ Blue & Gold Panel Talk!
- Making PB&J sandwiches + following a campus scavenger hunt
- Competing in a computational jeopardy for a prize

# Departmental Values

## WE ARE **TECHNICAL**

We aim to achieve competence and excellence in technical knowledge, its applications, and effects.

## WE ARE **INCLUSIVE**

We provide an inclusive community environment which invites and celebrates diversity of experience, thought, and belief.



## WE ARE **ETHICAL**

We make decisions rooted in the principles of equity and justice, focusing on the greater good of our communities.

## WE ARE **RESPONSIBLE**

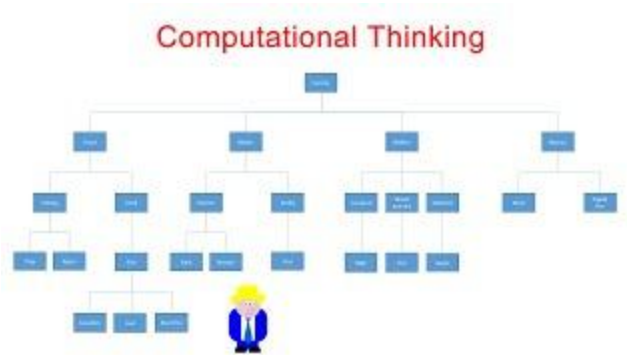
We honor commitments and take responsibility for our actions and outcomes.

# OUR SHARED VALUES

# Activity

# Approaching Problems with Computational Thinking

video url: <https://www.youtubeeducation.com/watch?v=dHWmnayy8MY>



# Estimating the Unknowable

Group Activity

Navigate to [Week1-ApproachingProblems/activity-estimation/](#) in GitHub

# Acronym Challenge

Group Activity

Navigate to [Week1-ApproachingProblems/activity-acronym/](#) in GitHub

# Discussion

Strategies for estimation?

Strategies for problem solving?



# Hope to see you next week!

Create bookmarks in your browser for the Discord + GitHub page for LS 591

- <https://discord.com/channels/877320365825749002/1277712021944537101>
- <https://github.com/allegHENY-college-ls-591-fall-2024>

N.b. the 5pm deadline on Sept 10 (2024) for adding or dropping for 14-week and “Module A” 7-week courses for all students