

# CS 3950

Introduction to  
Computer Science Research

<https://northeastern-datalab.github.io/cs3950/>

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MEETING 1: QUICK INTRO AND YOUR FIRST RESEARCH EXAMPLE



# Hello!

## Welcome to CS 3950

- Are you in the right classroom?
- Okay, good.

## Professor this term?

- Professor Renée Miller
- [miller@northeastern.edu](mailto:miller@northeastern.edu)
- WVH 446
- Office Hours: to start Thursday 2:45pm-4pm and by appointment

## Who am I?

- Professor Rose Yu
- Professor Miller is at meeting with University President today, but will be here tomorrow
- Today I'll give you an introduction to my research

# Why take this course?

Learn what is Computer Science research

Exposure to research areas in computer science

Be able to read, understand, and think critically about CS research

Learn about how to participate in CS research, what it looks like

# Goals

## Fundamental understanding of computer science research

- What are the research areas, key grand challenges/open questions?
- How do I think, read, and write about research?
- How do I participate in research?

## Focus on *research* in math, engineering, and science

- Not about programming, proofs, plug and chug
- Lots of reading/discussion

## Reading-centric, with focus on active participation in discussions

- How do you read a research paper in CS?
- What are the key open questions in each field, and how do we go about answering them?
- How to present research to others so they understand

# Online Resources

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More discussion on course format tomorrow.

For today, an introduction to my research