

Research Methods in computer science

Spring 2025

Lecture 12

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Agenda

Paper expectations

HW6

Paper Expectations

Readers and reviewers set expectations

What are they?

Fair and unfair expectations.

Managing Expectations

New vs Great work

Superficial vs Deep work

Adequate vs Minimal Experiments/Data

Insights vs Data dump

Poor vs Great presentation

Typical Claims

New

Better

Here is why

Claims

Is the claim articulated clearly?

Is the claim specific enough?

Evidence

Is there evidence supporting the claim?

Is the evidence credible?

Often just from the title,
we set expectations for the paper.

It can be positive:
efficiency in reading and reviewing

In-class group activity

Pick a paper

Identify the claims

Evaluate the quality of evidence supporting the claim

HW6

Related work of your research paper

Gen AI related work

Improve it