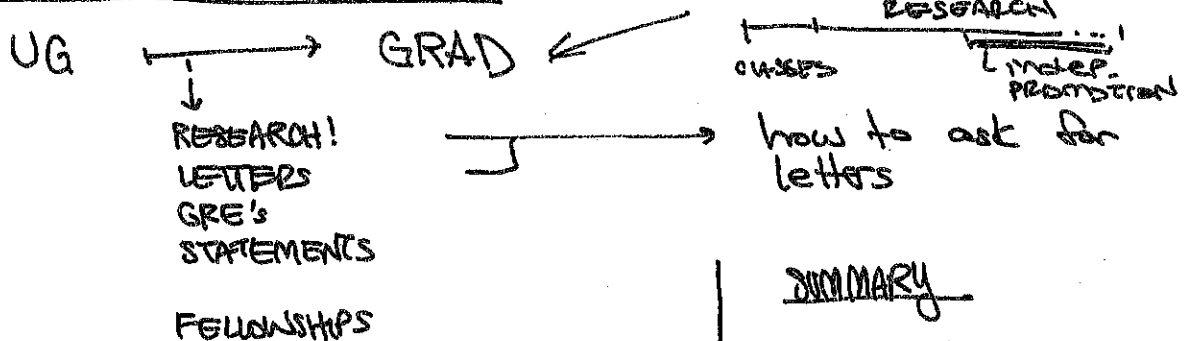


1. eval by tomorrow
2. NO in class final → please do "FINAL EXAM" on the github classroom

Recap of last time



QUESTIONS?

- thg vs. expt.
- grad school check points

canonical industry option:
data science

SUMMARY

- 2 yrs before grad
→ SUMMERS ARE PREVIOUS!

- UG Res / Internship

important for top tech companies
→ "back door"

o past that: mobator

INTERVIEWS : "cracking the coding interview" is the canonical reference

(Previously: "How would you make Mt. Fuji")

as a physicist, you should pitch yourself as someone flexible

[don't compete on "do you program quickly"]

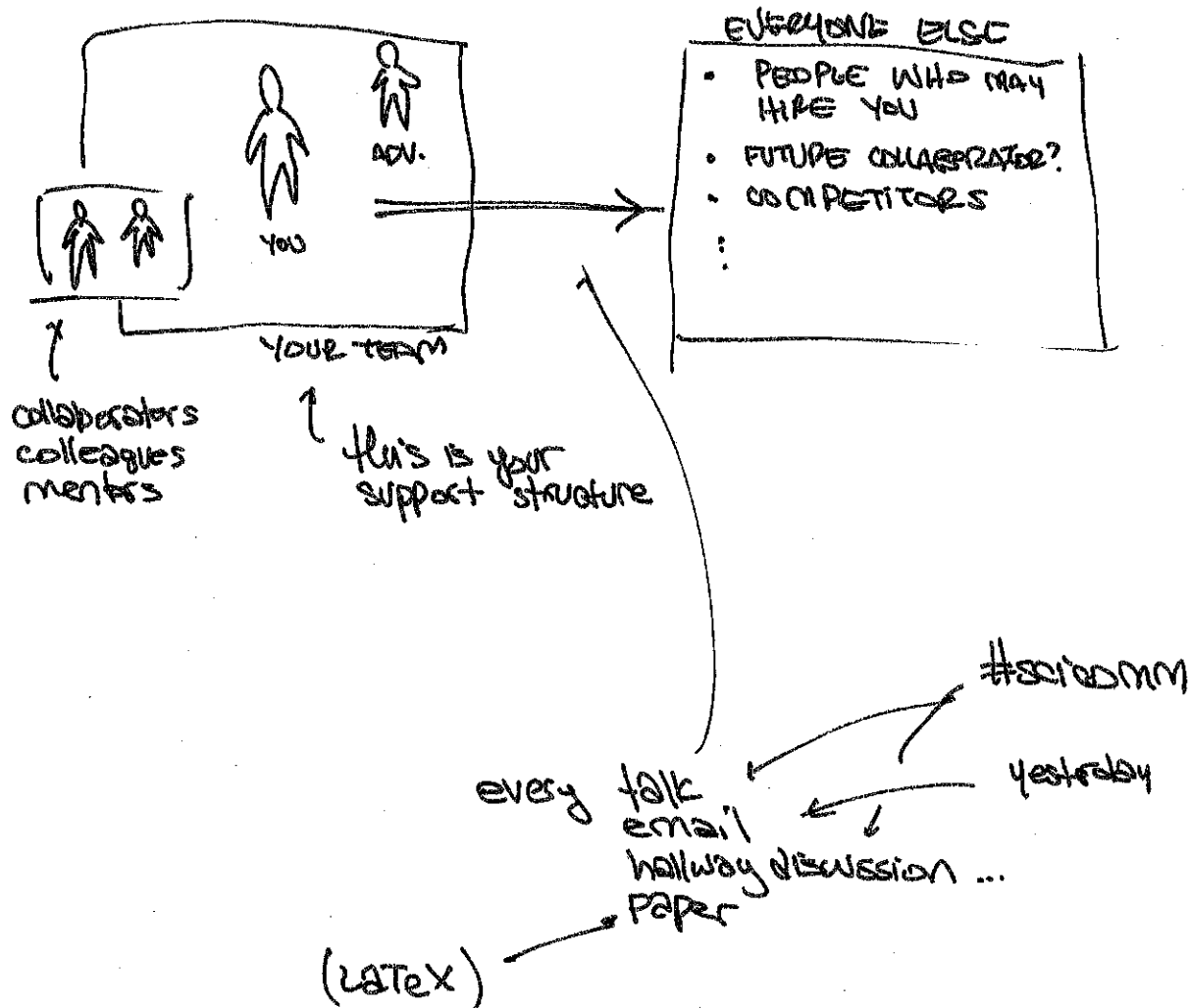
GOV/NGO/other : ?? (sci policy fellowships?)

other types of non-academic jobs (typical options)

- FINANCE ("QUANT")
- JOURNALISM
- MED. PHYSICS
- CONSULTING

why no interviews in academia?

→ "EVERY" discussion is an interview



USEFUL SKILL: LaTeX document typesetting


idea: content • formatting

↑
write
(inc. math)

- RENDER MATH
 - CROSS REF OF SECTIONS, EQ.
 - CITATIONS
- ↑ BibTeX

[see latex examples.]

Notes

- for some weird reason, cond-mat expt. uses word. this horrifies me.
- A complicated, but common template:
 ReVTeX \rightarrow APS Journals
 template in .../revtex/doc/latex/revtex/sample/aps
- L^AT_EX install:
 - MAC \rightarrow MacTeX
 - 'nix \rightarrow TeXLive
 - Windows \rightarrow 
 is this
- BIBLIOGRAPHY: use BibTeX (or something similar)
 - \hookrightarrow try to find standard identifiers
 - idea: only "need" one bib file for your entire life.
 - * this will make your thesis easier!!
- when not to use L^AT_EX?
 - \hookrightarrow Markdown is rather useful for short notes, esp if you can insert equations
 - hyperlinks are convenient.
- WROTE A PAPER. NOW WHAT?