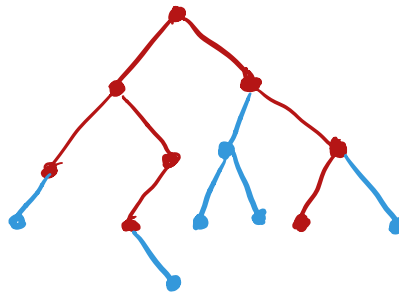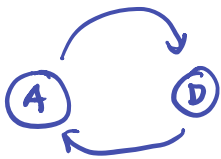# My approaches

for research

TYR

- find an interesting domain to start with
- understand the big picture and status-quo
- Pretend I have the in-depth knowledge
  that I'd share/teach it (learning by teaching)
  - nail down a topic
  - begin with end in mind
- Steal ideas from the best minds and
  build the tree

- add your branch
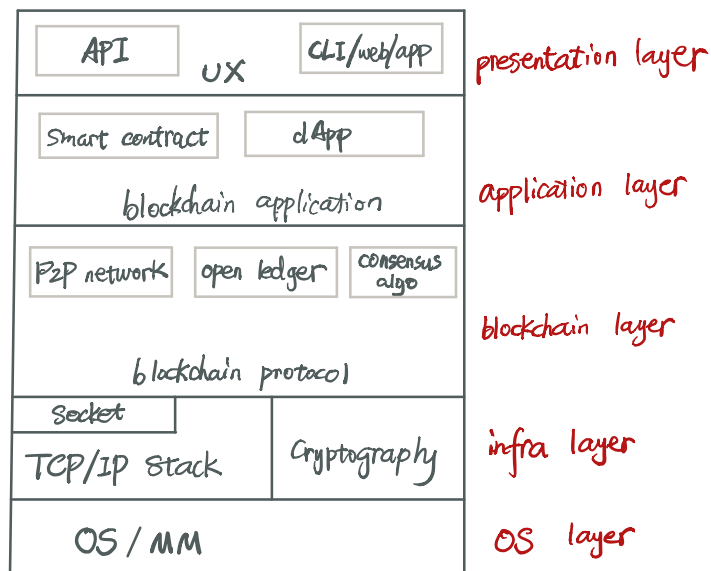- really teach it to someone else
  - fill in the gaps
- loop between alog world and digital world

Find an interesting domain

- You feel thrilled about the domain
- worth researching
    - cutting edge
    - fills your blind spots

Ex: tech stack for blockchain

API	UX	**CLI/web/app**	→ presentation layer

Smart contract	dApp
blockchain application	→ application layer

P2P network	open ledger	consensus algo
blockchain protocol		→ blockchain layer

Socket	
TCP/IP Stack	Cryptography	→ infra layer

OS / MM	→ OS layer

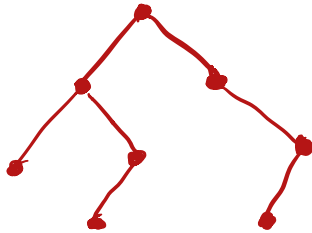Understanding the big picture and status quo

- why, why, why!
- what's involved
- history - which tree it inherits
- each solution and their pros/cons
- draw diagrams about relationship
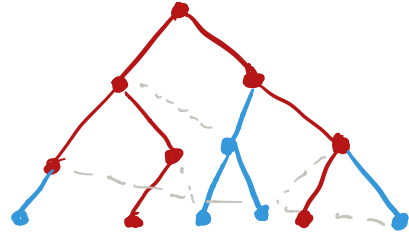- find out directions

Pretend to be an expert

- Prepare to write/give speech on
  - overall picture
  - in-depth analysis
  - code analysis
- dive in and be an expert
- deliver to

Steal the minds and branch from it

build the tree!

Own your branch!