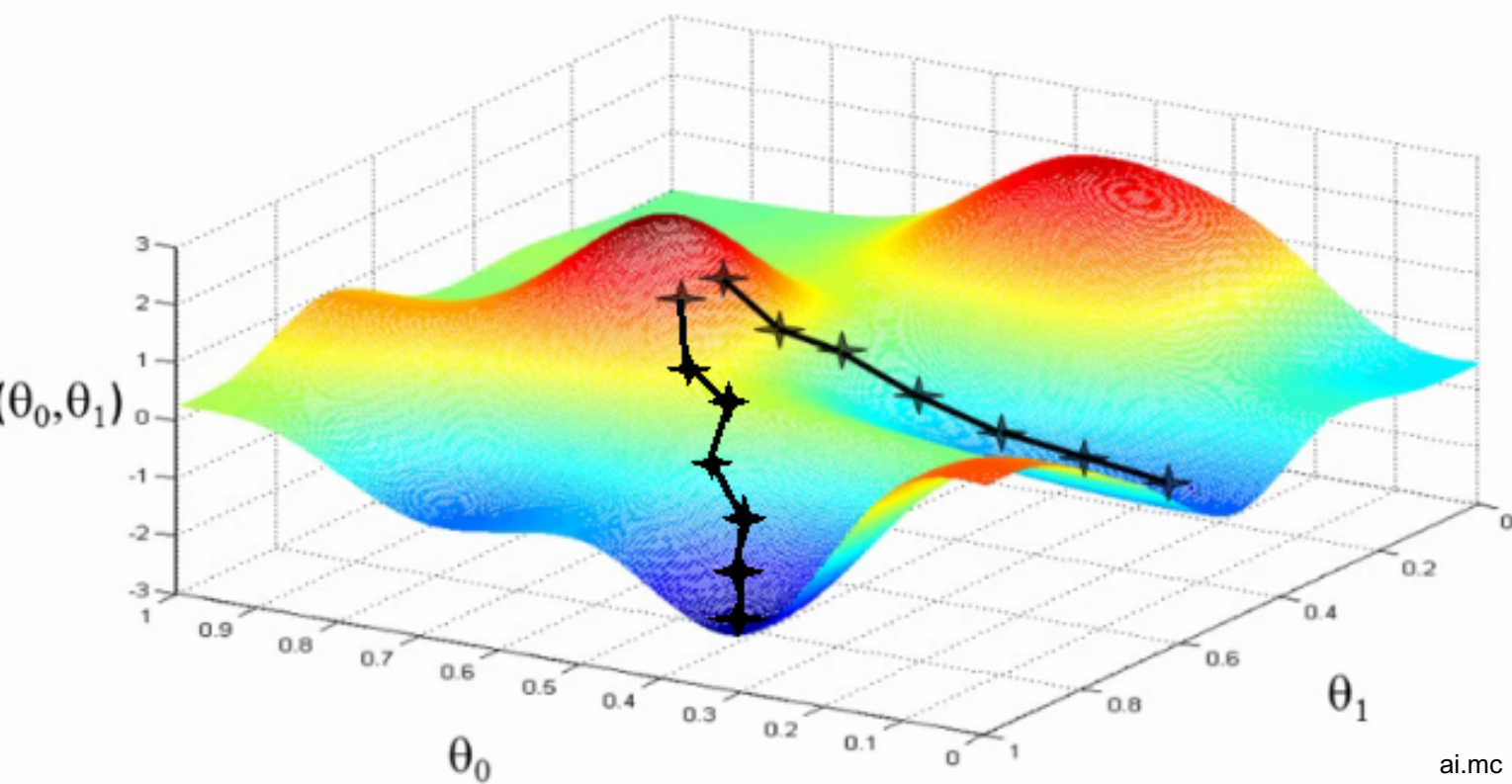
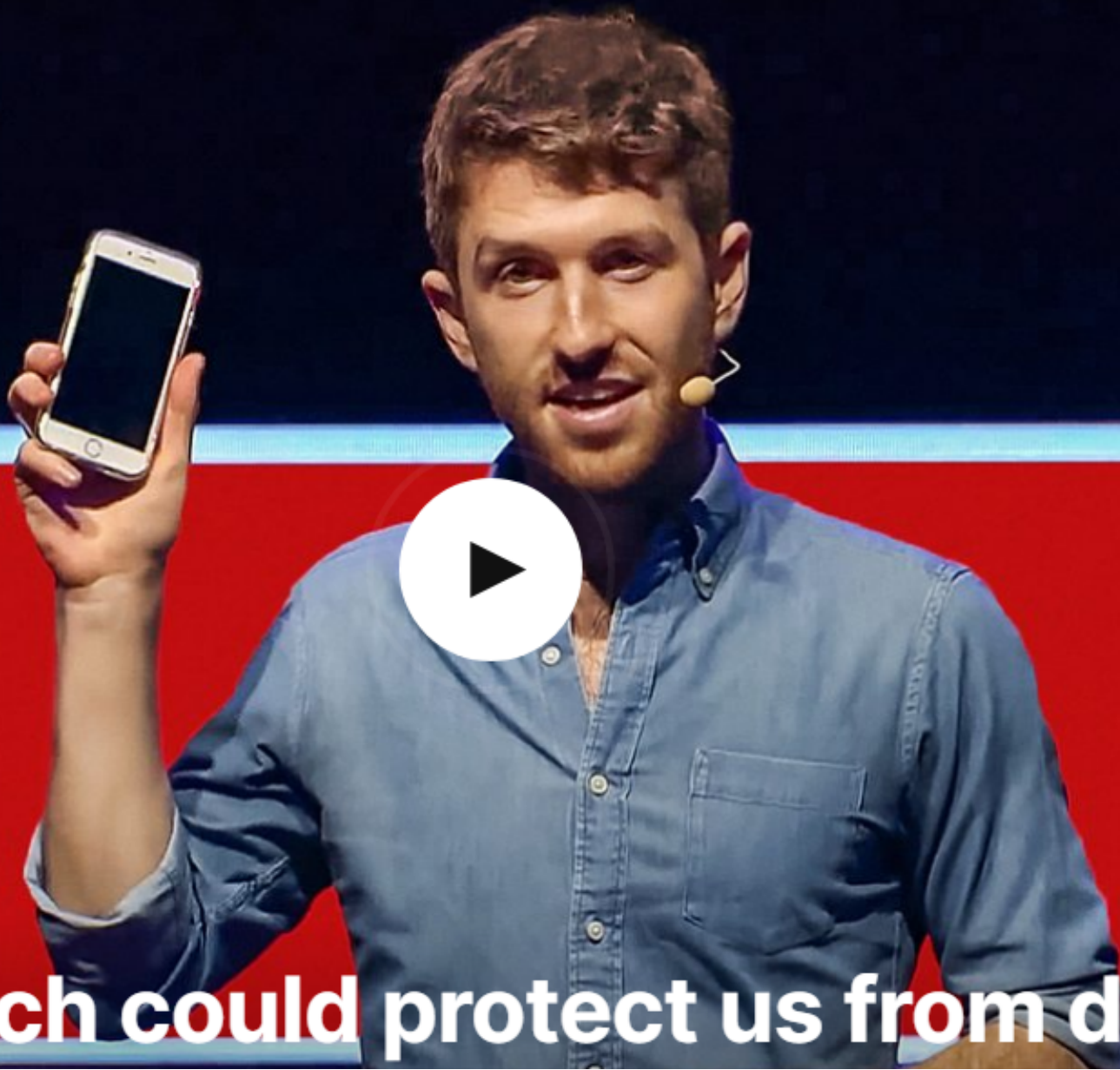


Search optimization—for your career!

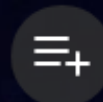


ECML-PKDD PhD Forum 2020

Kuan-lin Huang
Icahn School of Medicine at Mount Sinai
New York City, USA



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Tristan Harris | TEDxBruussels

How better tech could protect us from distraction



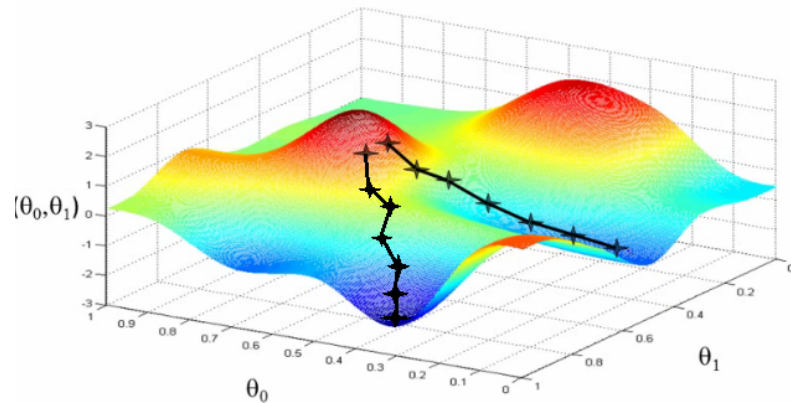
The “closest thing Silicon Valley has to a conscience.”

—The Atlantic

The 3 stages of search optimization

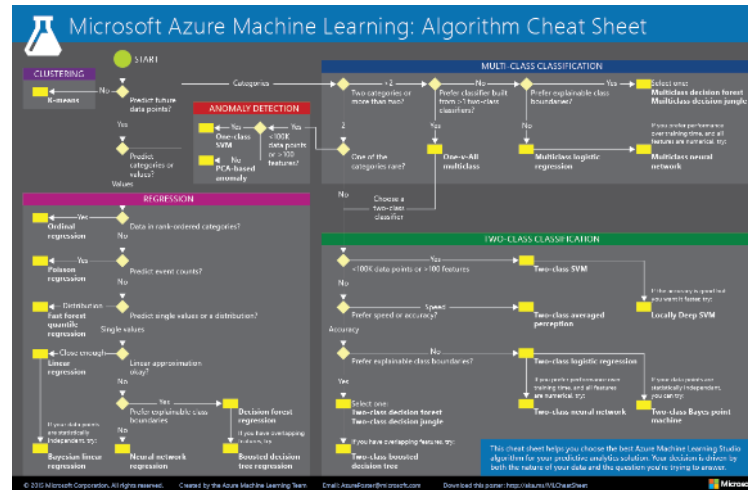
Definition

What is your cost function?



Execution

How do you optimize?



Fulfillment

How is your experience?



The 3 stages of search optimization

Definition

What is your cost function?

→ Your WHY

Execution

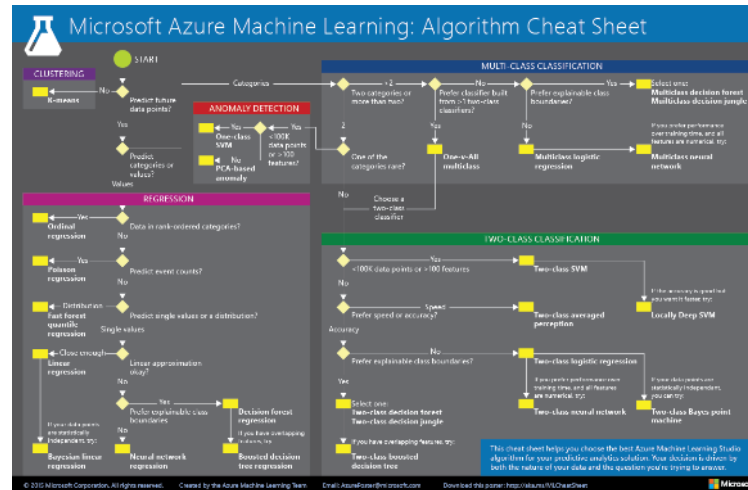
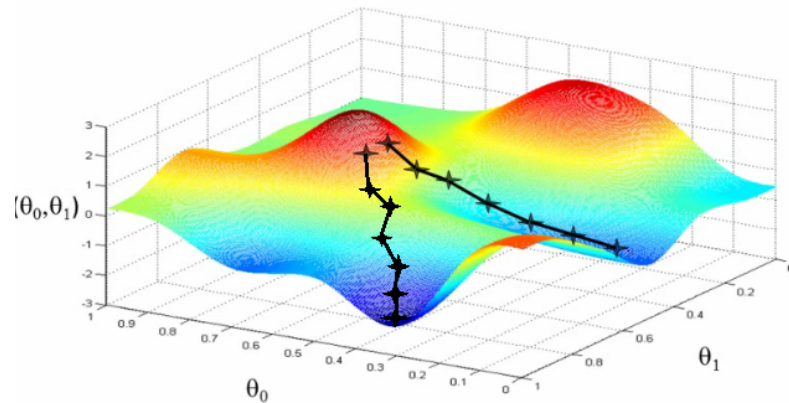
How do you optimize?

→ Your HOW

Fulfillment

How is your experience?

→ Your STORY



Long-term vs short-term consideration

Definition x Exploration

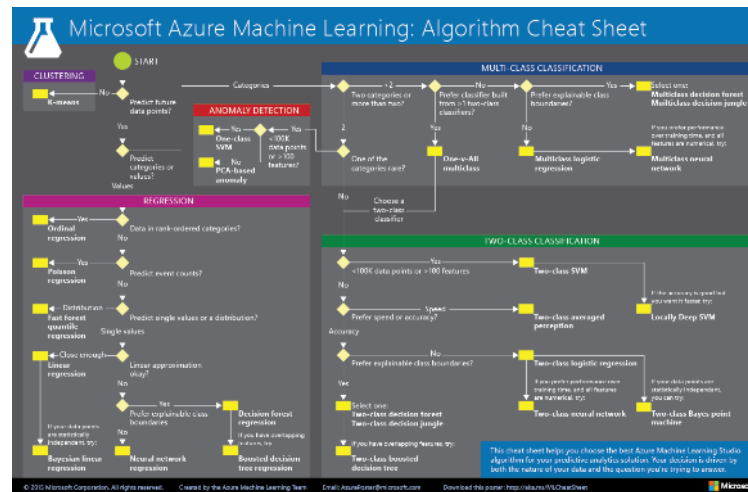
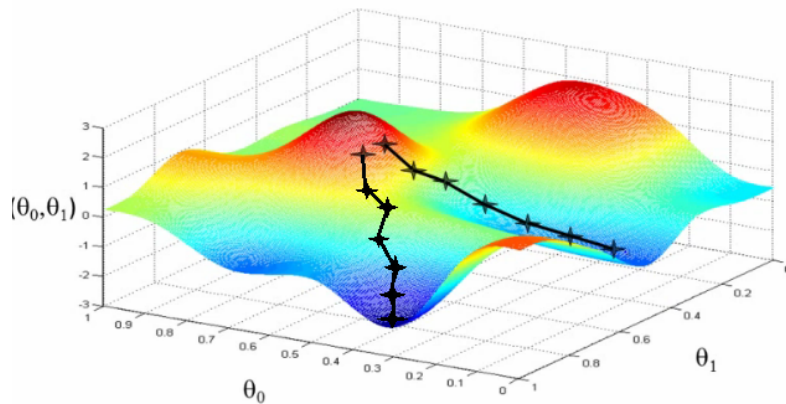
→ Your WHY

Execution x Decision

→ Your HOW

Fulfillment

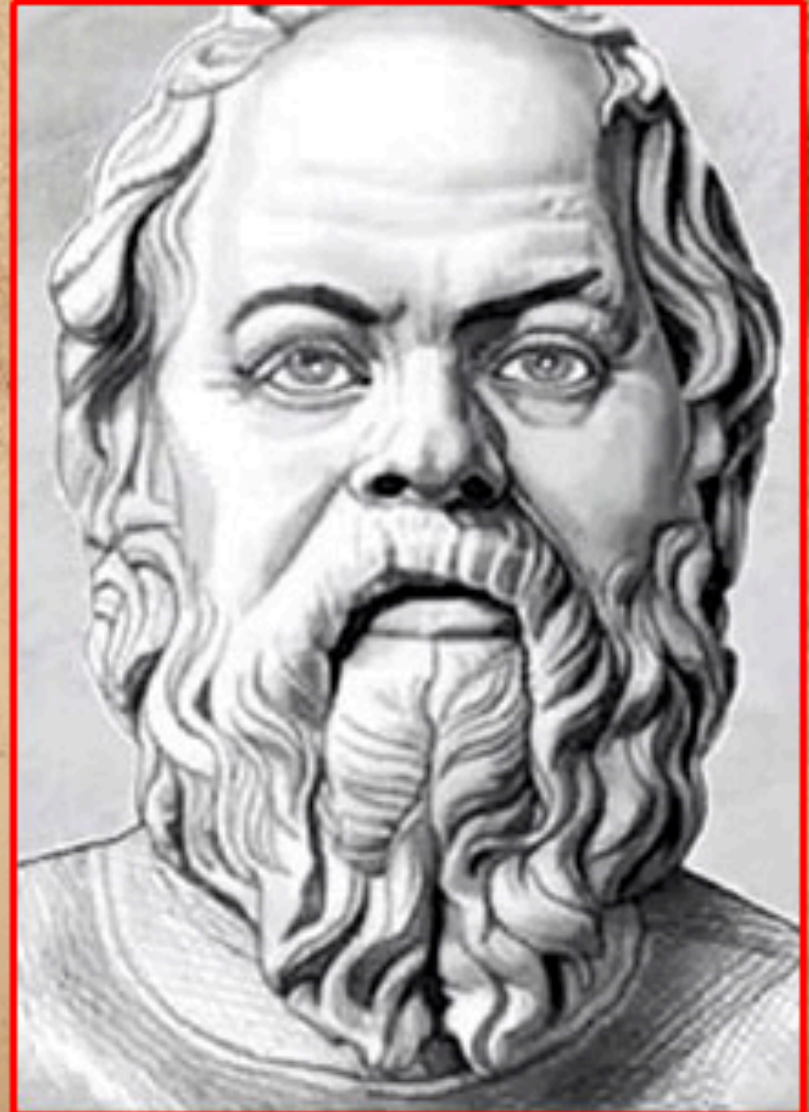
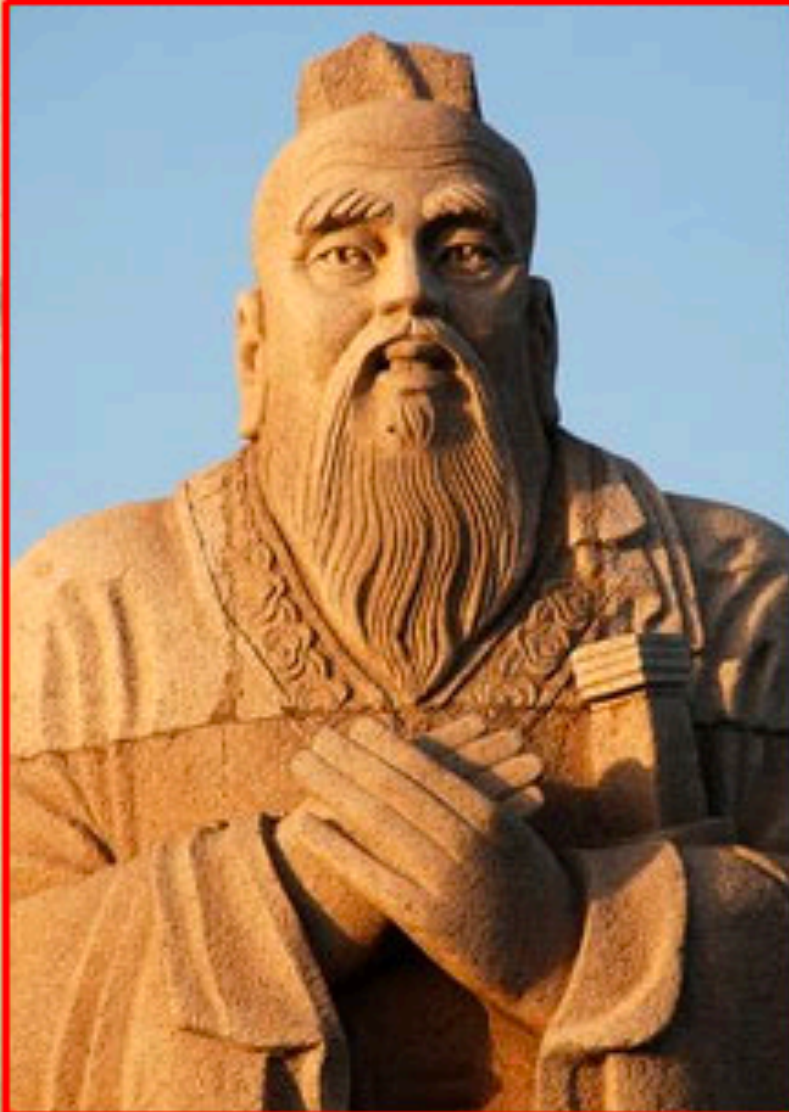
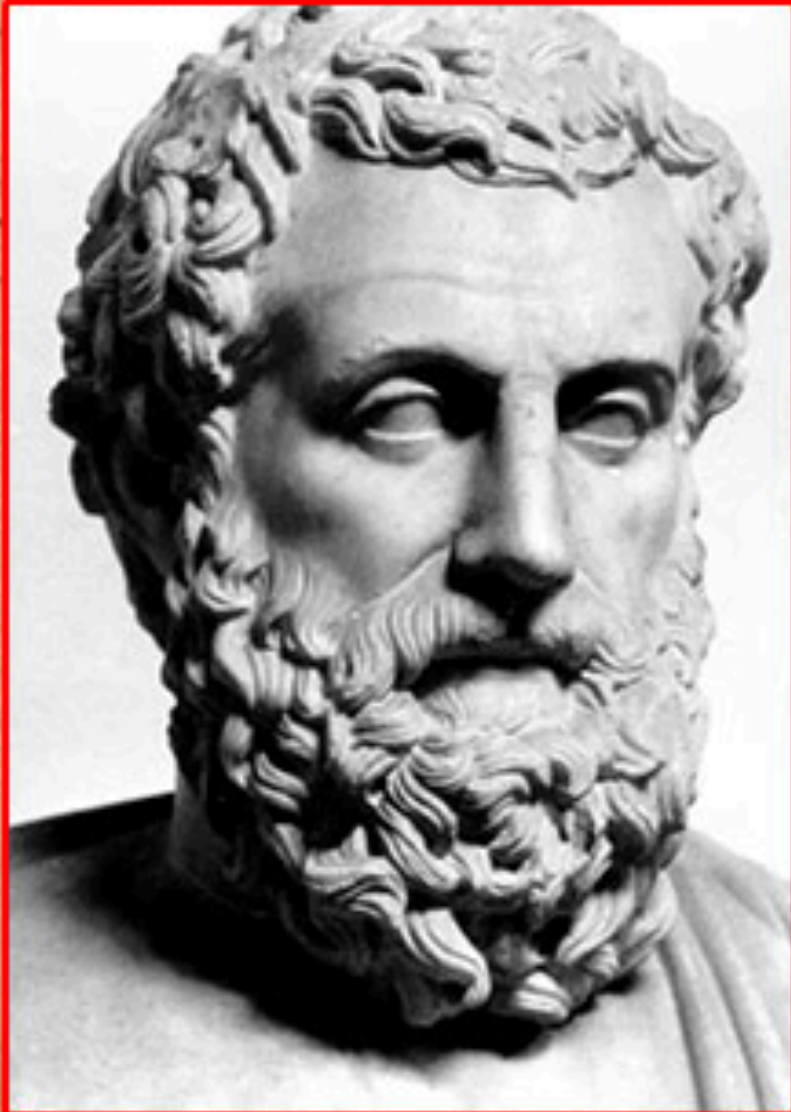
→ Your STORY



Definition

What is your purpose?

What are we here for?



What is your purpose?

1. Time-travel
2. Hedgehog concept—for yourself
3. Day-to-day passion



“I wish I’d had the courage to live a life **true to myself**,
not the life others expected of me.”

—the #1 regrets of the dying, according to
Bronnie Ware, *The Top Five Regrets of the Dying*

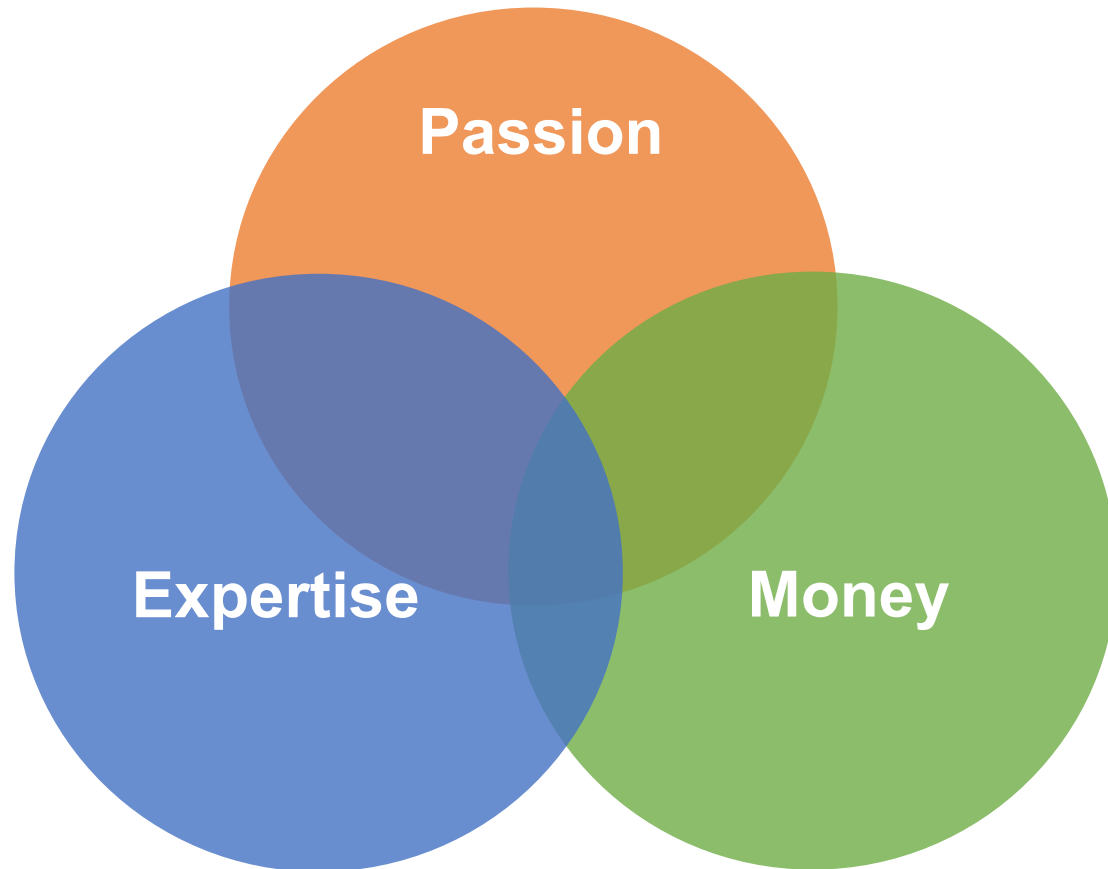
What is your purpose?

1. Time-travel

- Your deathbed: write your eulogy
- Your childhood: what did you dream of becoming?
- 5 & 15 years into the job

What is your purpose?

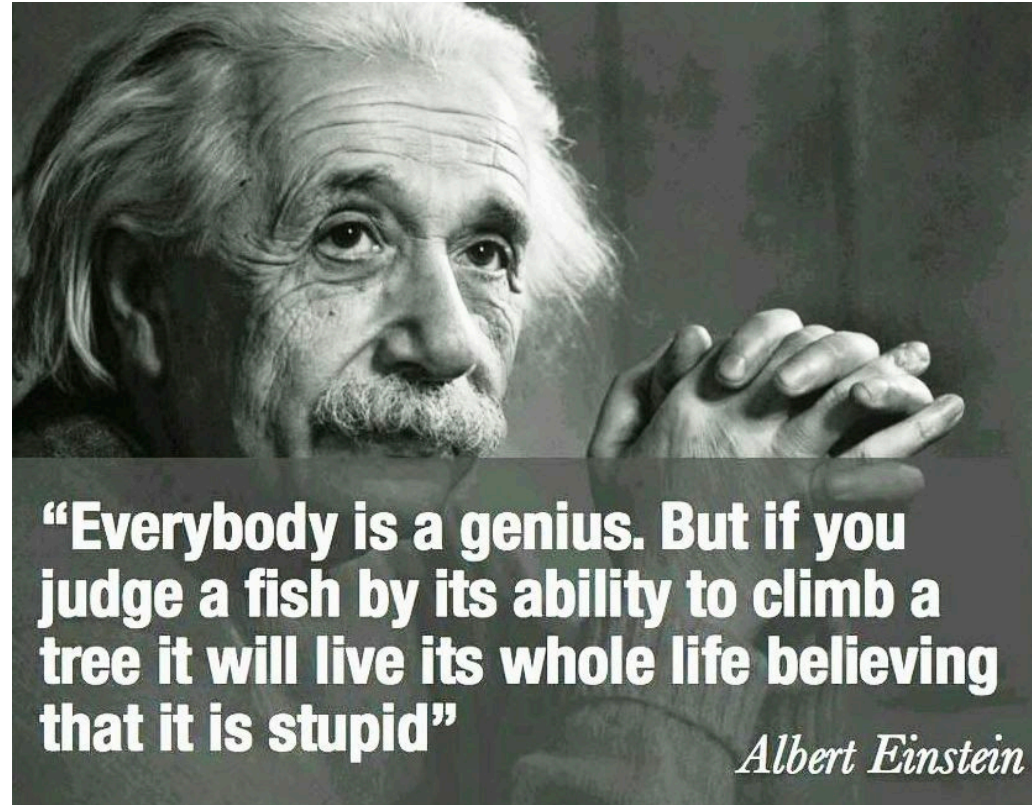
2. Hedgehog concept—for yourself



What is your purpose?

3. Day-to-day: which processes drive you?

- Coding
- Reading & writing
- Projects & meeting



More ways to explore your purpose & interest

1. Talk to others in all fields
2. Gather the data, aka READ and GOOGLE
3. Conduct mini-experiments

Talk to others

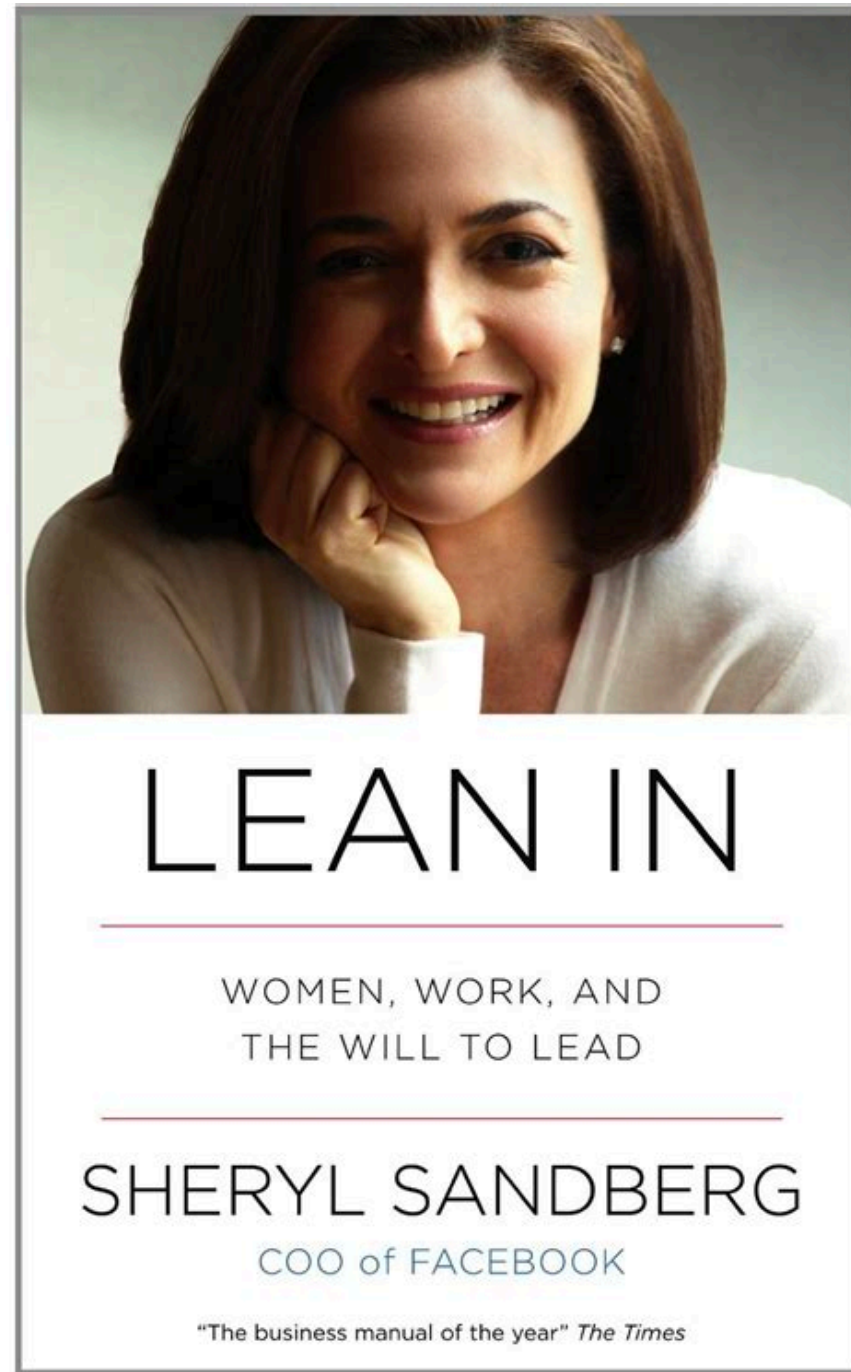
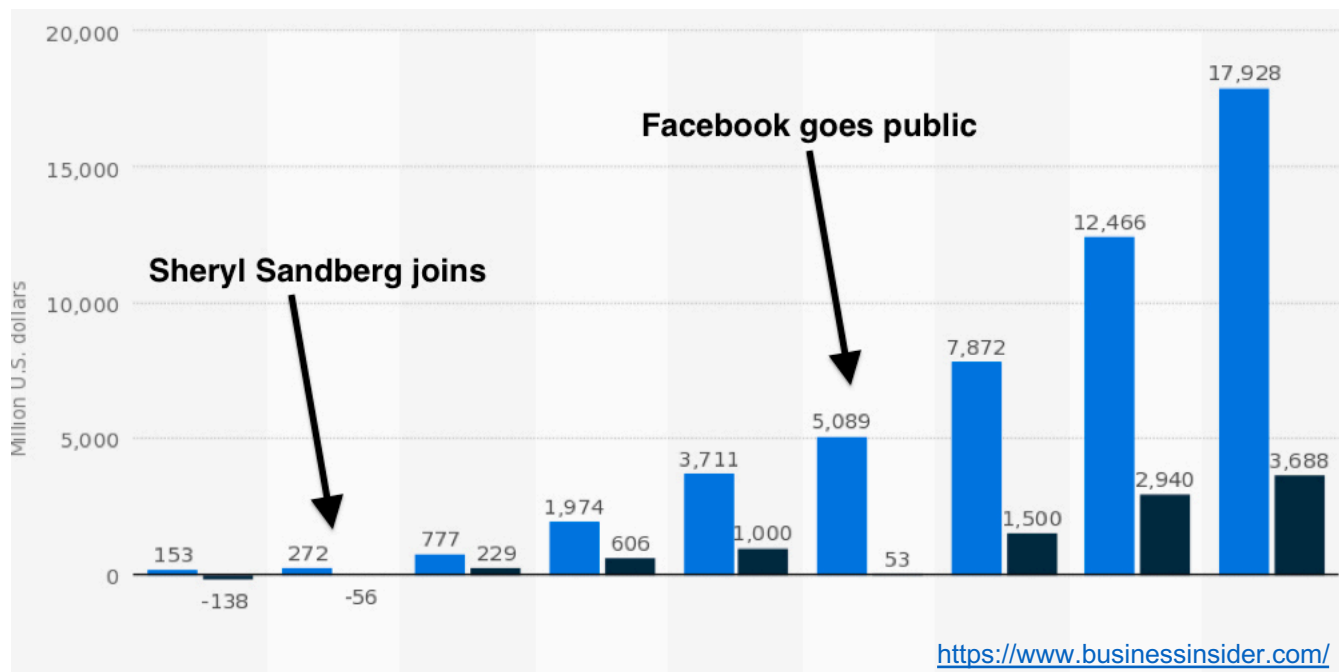
1. Which people's career do you aspire to?
2. Connect with alumni (ex. through career center)
3. Talk to people who have the job you're interested in

Gather the data

1. Lifestyle & career optimization books & podcasts
 - Tim Ferriss, Cal Newport, etc.
2. Read across fields
3. Job search/review sites

Conduct min-experiments

1. Classes outside of your field
2. Student group projects
 - Consulting, policy fellowship, incubators
3. Internships





Execution

How do you optimize?

How do you optimize?

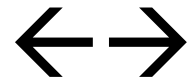
1. Find your tribe
2. The 5 people around you
3. Timeline
4. Location



Finding your tribe

Organization

Mission



Culture



Need



YOU

Life goal

Personality

Expertise

The people around you and role-models



Timeline

1. Long-term: you can have multiple careers
2. Short-term: plan it out!

Location, location, location





Fulfillment

How is your experience?

What is your life?

1. Challenge & Growth
2. Bonds & Relationship
3. Your STORY



“I just broke the internet.”

Dan Kaminsky



Questions?



ComputationalOmicsLab.org

