CS 350 – Software Engineering

November 17, 2017

Week 14, Class #40

Jobs

Mark Seaman

MWF – 10:00-11:30 - Kepner 0095F

Take Home Exam

✧ Grading Exam #3

- Finished grading
- Exceeded my expectations

✧ Check your grade tomorrow

- Email me with any issues before Friday

Take Home Exam

- ✧ Programming Language / Persistence
    - JS / Mongo
    - C# / DB
    - C# / File
    - Php / MySQL
    - Python / File
    - Java / File

- ✧ Complexity (35KB – 4.4KB)

Take Home Exam

◇ Innovation Awards

- Teresa and Nick - JS / Mongo
- Lucas – Python / File

◇ Complexity

- Seth – 4.4KB (Chris Q., Brandon, Lucas)
- Chris N. – 35KB

Language and design determine complexity

This Week – The Profession

Last Week

Risk

Monday, 11-27

Teams

Next Week

Final Exam

Wednesday, 11-29

Jobs

Friday, 12-1

Contribution

The Software Engineering Professional

✧ craft - engineering techniques

✧ profession – humans at work

The Happy Engineer
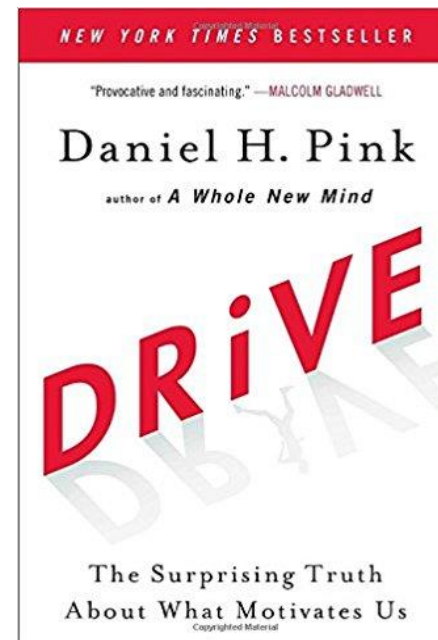
✧ What makes people happy at work?

The Happy Engineer

✧ What makes people happy at work?

✧ Drive – by Daniel Pink
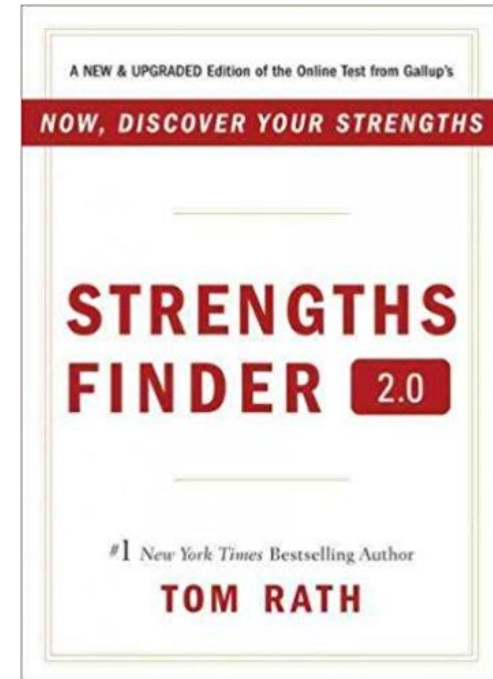- Autonomy
- Mastery
- Purpose

The Happy Engineer

✧ Strengths Finder 2.0

- Key Question
  - Do you use your strengths?
  - 20% of people say "Yes"
- What are your strengths?
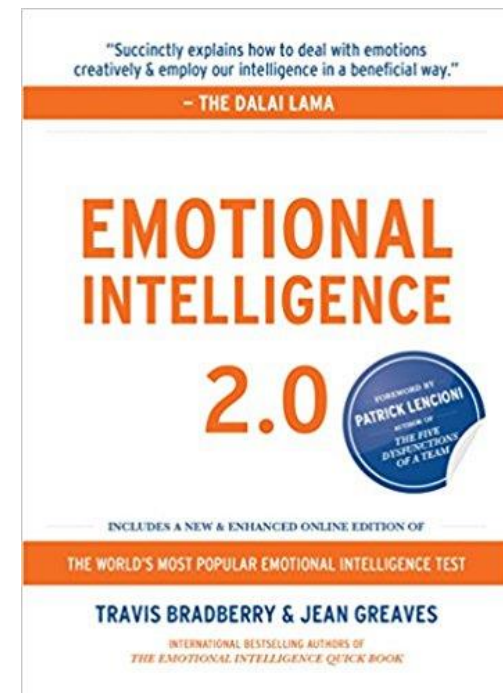 - Raw talent
  - Skill and knowledge
  - Practice

The Happy Engineer

✧ EQ 2.0

- Personal / Social
- Awareness / Management

Learn skills to grow your EQ

The Happy Engineer

✧ What makes people happy at work?

✧ Identify your personal goals
  - Contribution
  - Growth
  - Pay
  - Fun

The Job Market

✧ The new Social Contract

✧ Balance your interests and company interests
- Understand typical pay
- Know your value
- Learn what you value most

Every job is a stepping stone to somewhere!

x

✧ y

- z