COMPUTER SCIENCE & CYBERSECURITY:

WHY YOU MAY CARE, AND IF SO, WHAT YOU CAN YOU DO ABOUT IT

THE SPECTRUM OF TECHNICAL TO HUMAN ISSUES AND APPROACHES AND BOOKS

CULLY PATCH

OVERVIEW

- What Does Cybersecurity Mean to You?
- How Does Cybersecurity Impact You?
- What Does Cybersecurity Mean to Me?
- The Technical Parts
- The People Parts
- The Processes: A Little of Both
- The Way Out There
- What Can You Do About It?

WHAT DOES CYBERSECURITY MEAN TO YOU?

Destruction?

Hackers?   Nothing?

Privacy?   Everything?

Blackouts?   Risk?

Detection?   Recovery?

Protection?

HOW DOES CYBERSECURITY IMPACT YOU?

Your Family?

Your Home?

Your Business?

Nothing?

Your School?

Your Safety?

Your Survival?

Your Happiness?
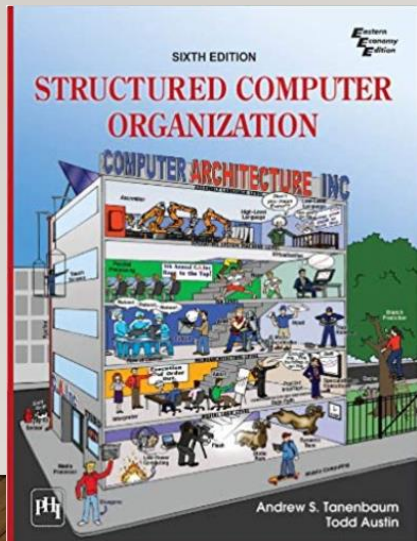
Somewhere in the Middle?

Your Finances?

Your Relationships?

Your Income?

Your Everything?

WHAT DOES CYBERSECURITY MEAN TO ME?

- Same Human Stuff Only in a New Environment

- Priority Risk Management

  - The Technical Stuff
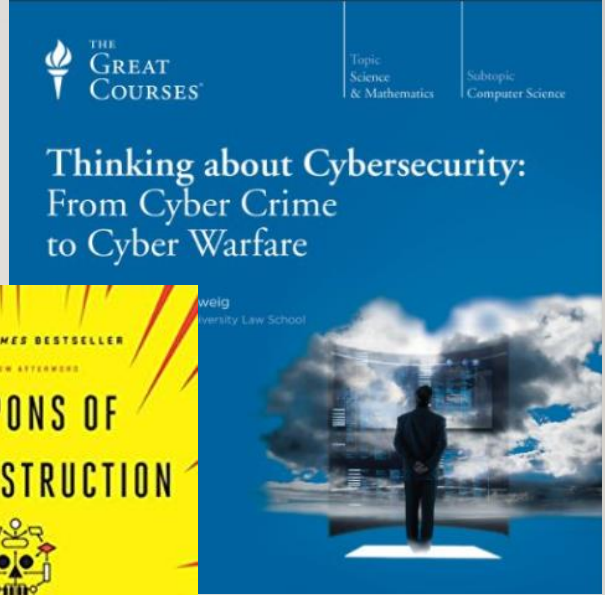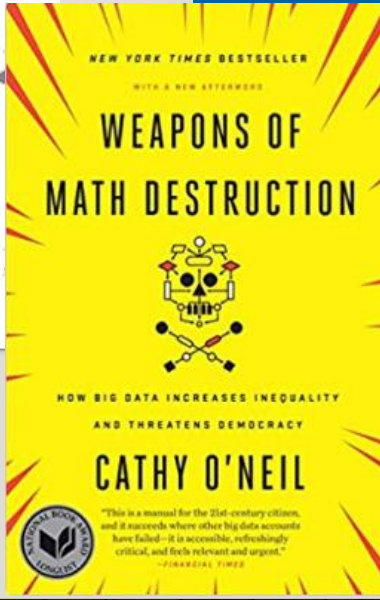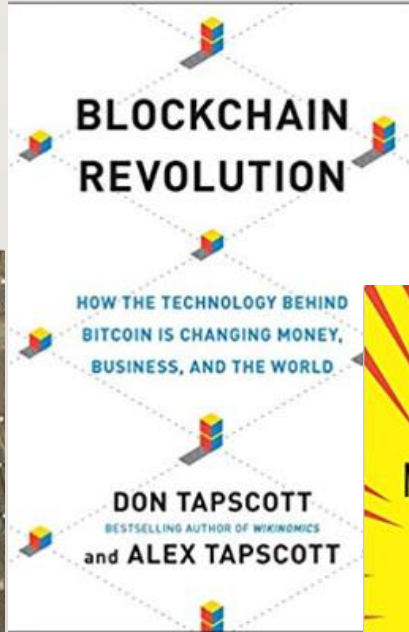
  - The Human Stuff

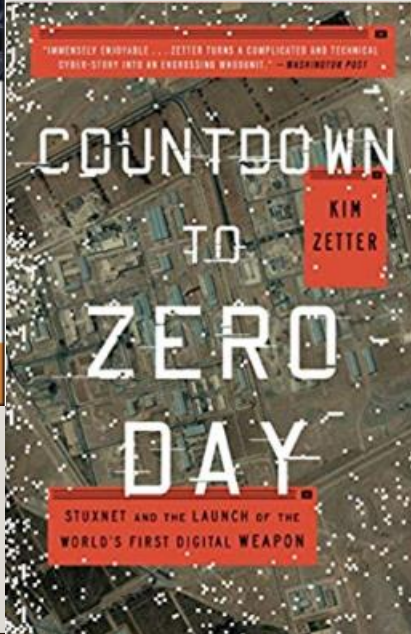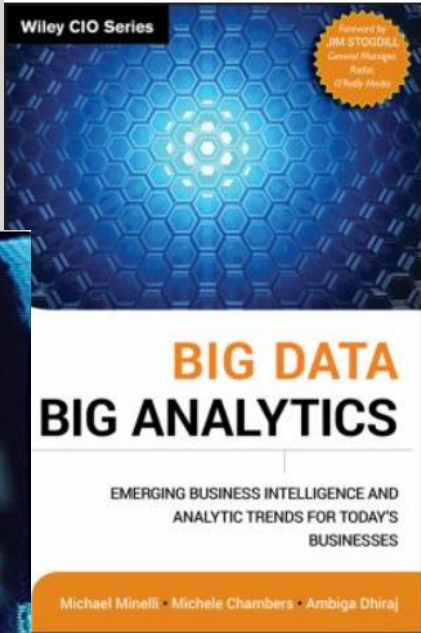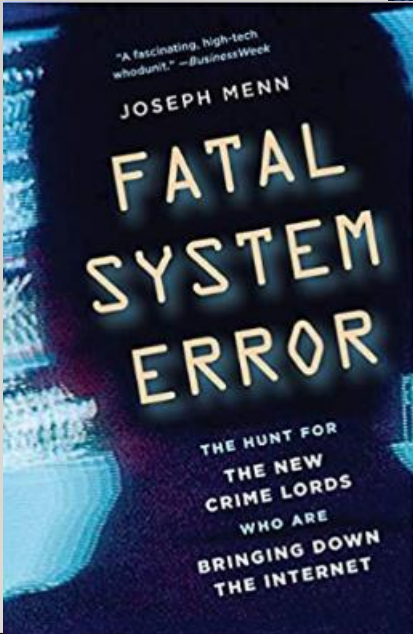 - The Processes: A Little of Both
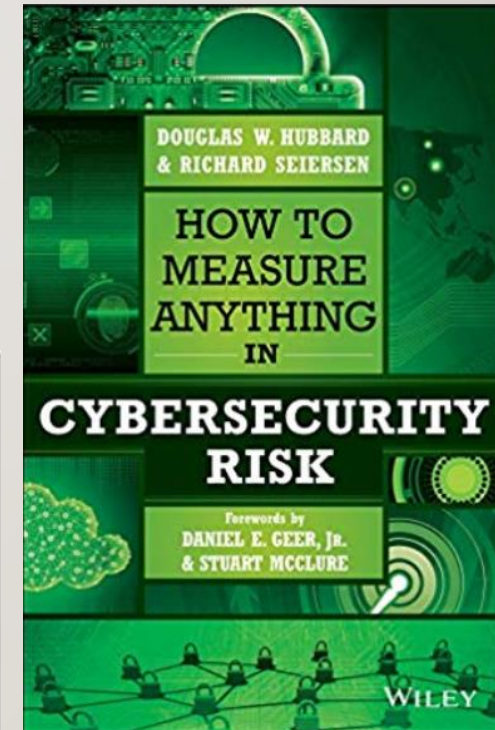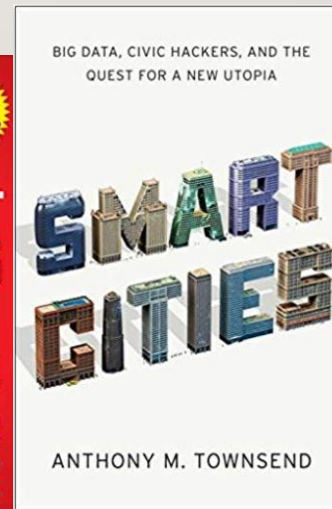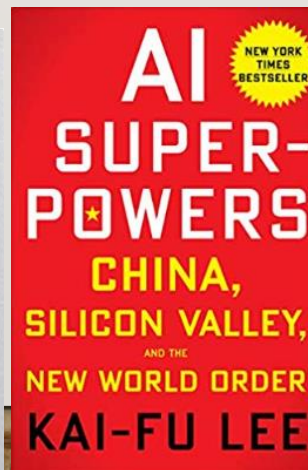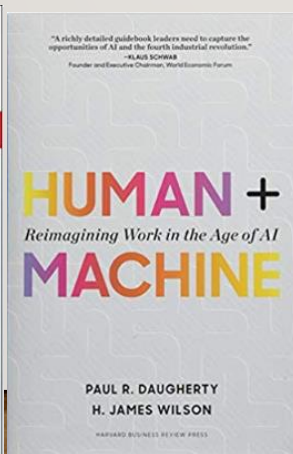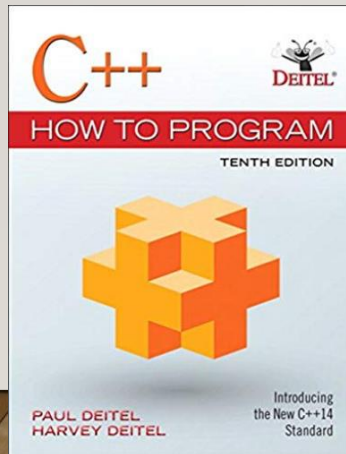
THE TECHNICAL PARTS

- The Hardware

- The Software

- The Networking

- Technical Protocols & Standards

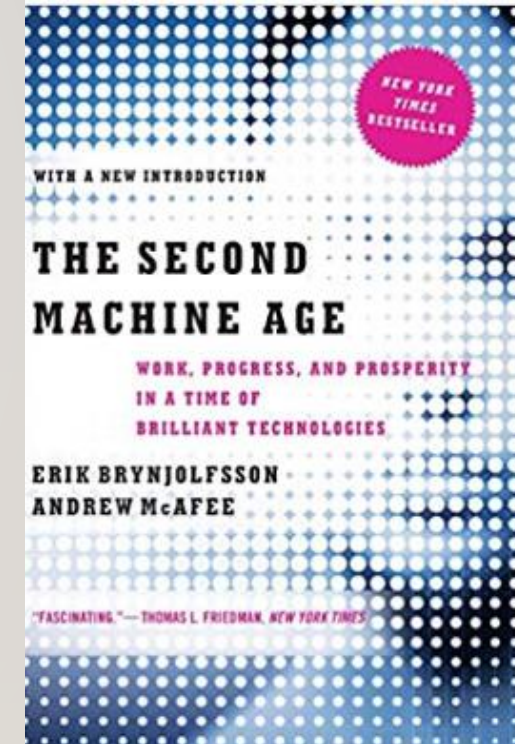- The Data and Big Data
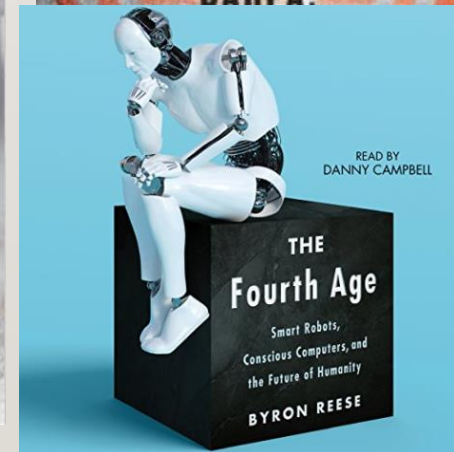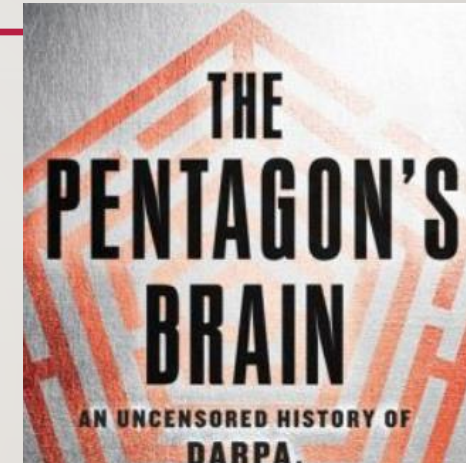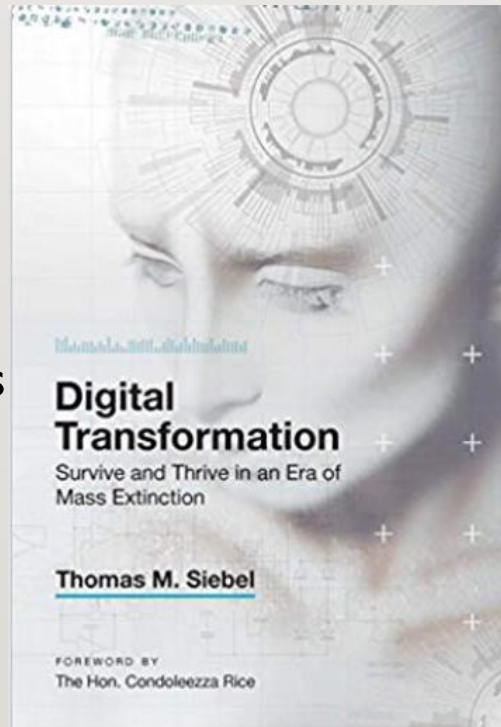
- How Does it Make A Difference In Our Lives?

- How Have We Come to Depend on it?
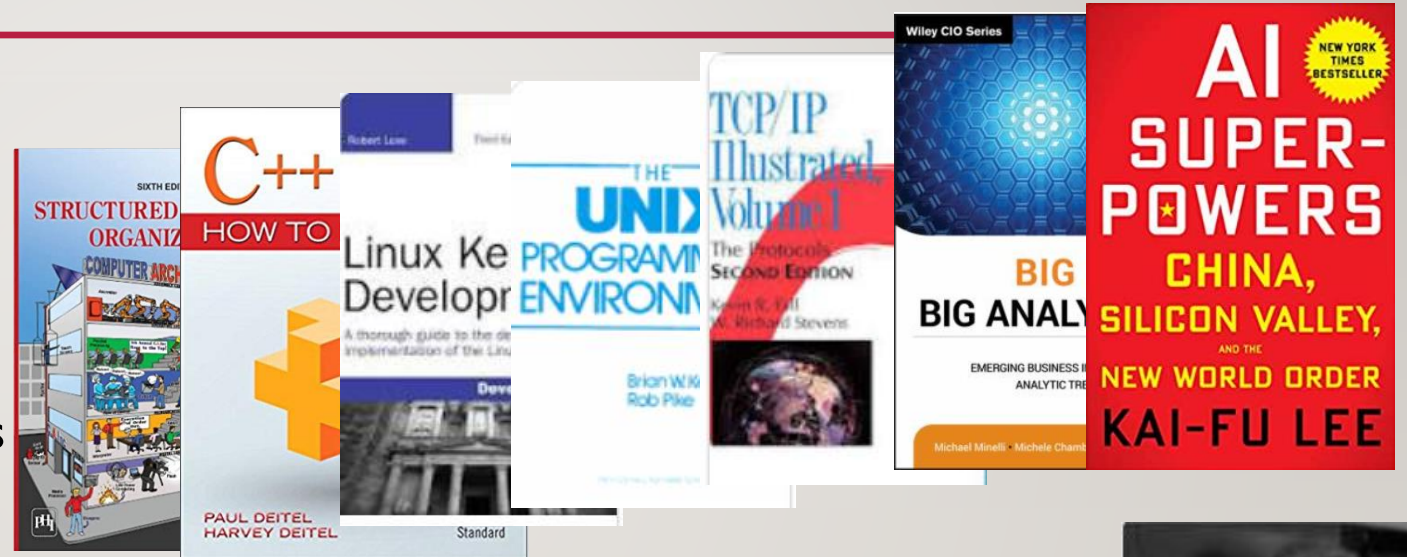
THE TECHNICAL PARTS (CONTINUED)

THE HUMAN PARTS
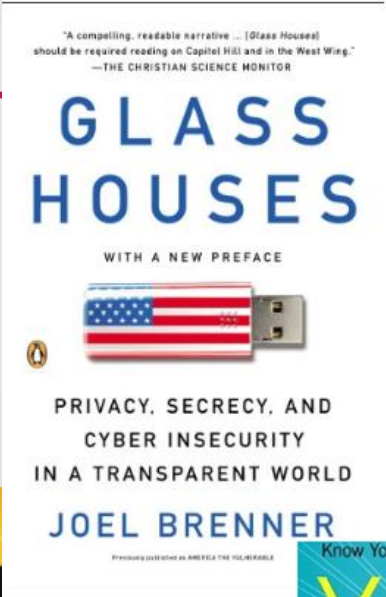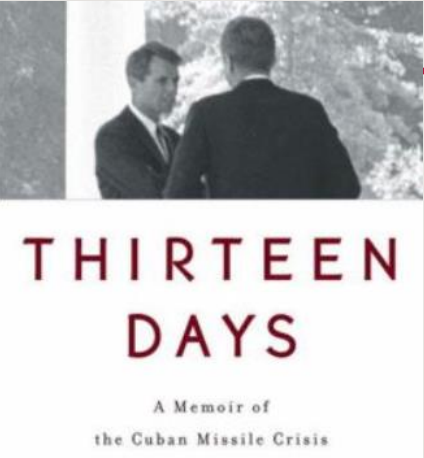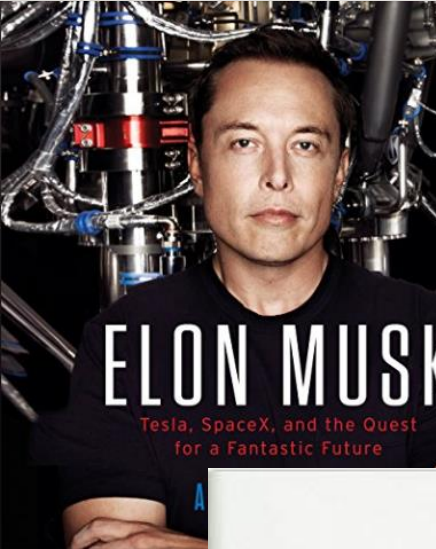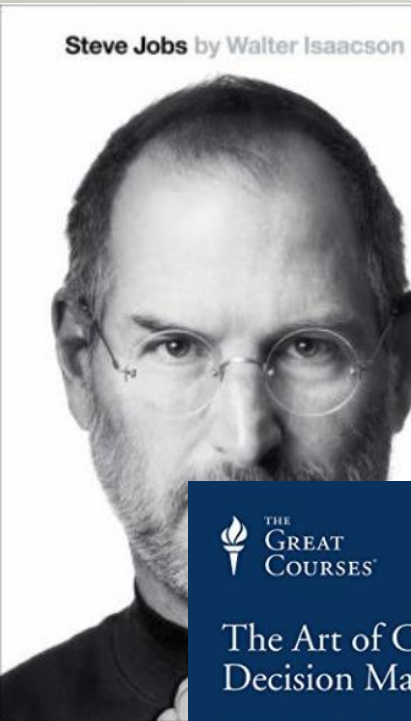
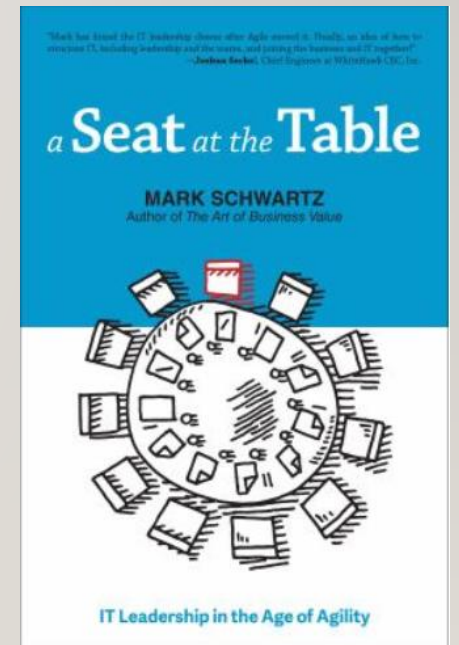- The Individual
- Teams
- Professions
- Societies/Community
- Political/World Organizations
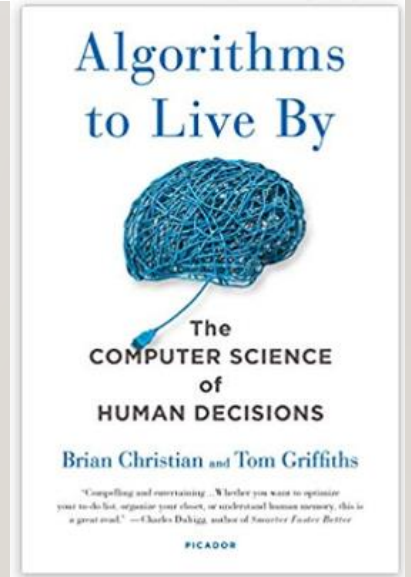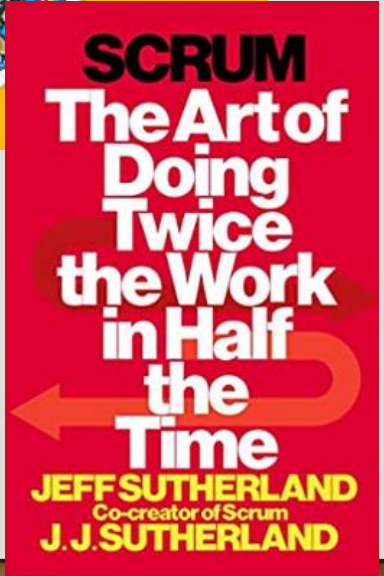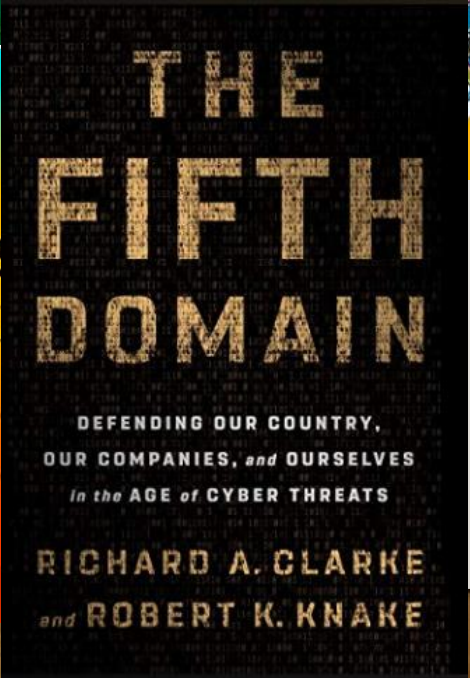- Beyond?

THE HUMAN PARTS (CONTINUED)
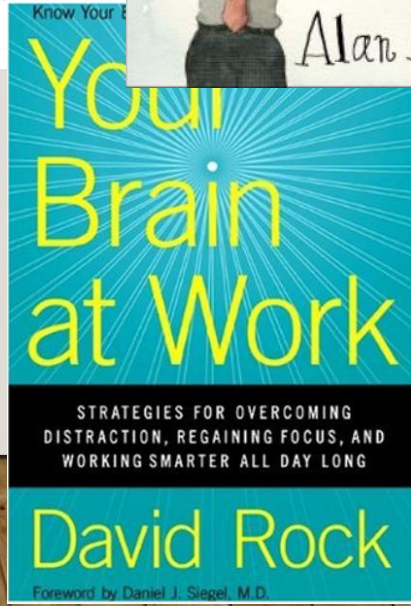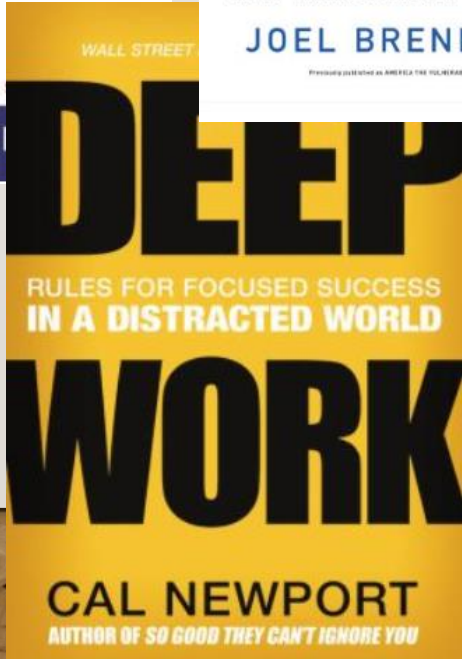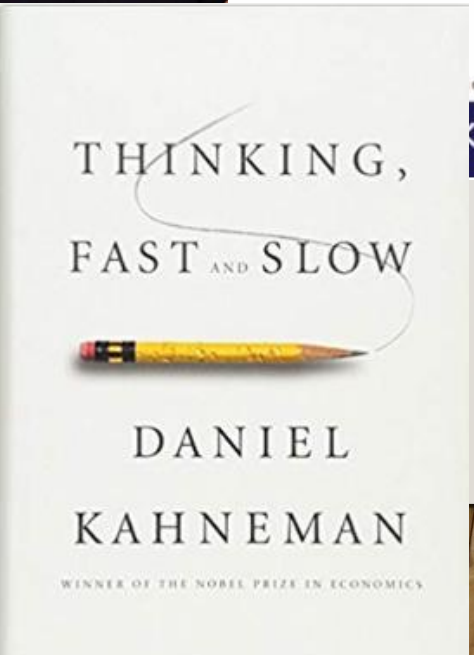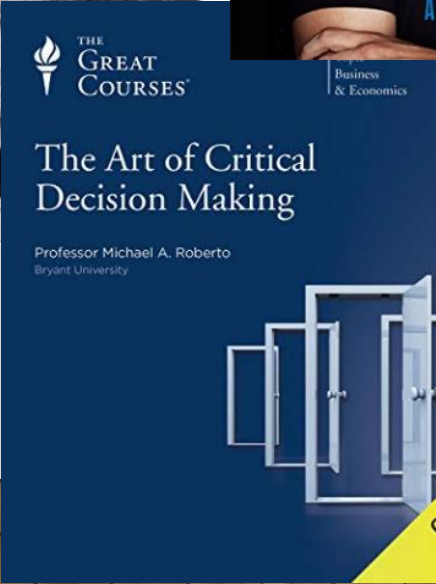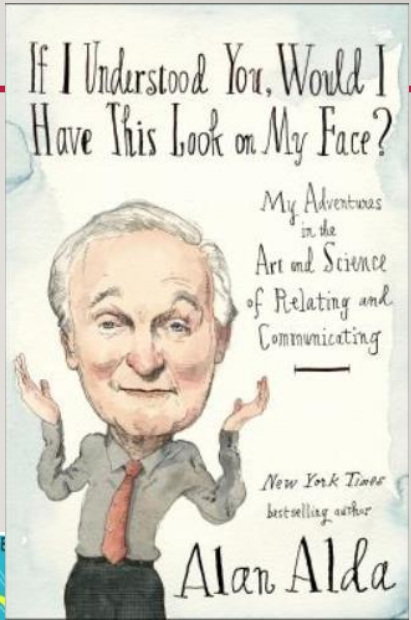
THE PROCESSES: A LITTLE OF BOTH

- What Value Comes to You?

- What Value do You Send to Others?

- What Dependencies are There?

- What Processes are in Place to Make This Happen?

THE PROCESSES: A LITTLE OF BOTH (CONTINUED)
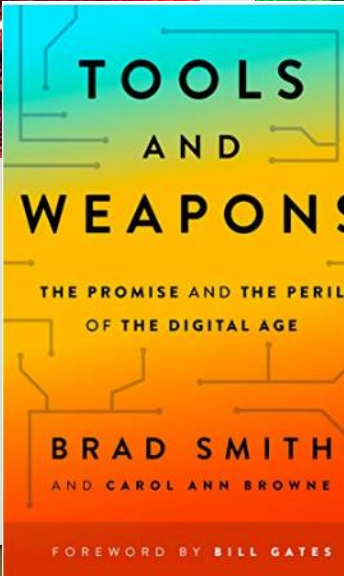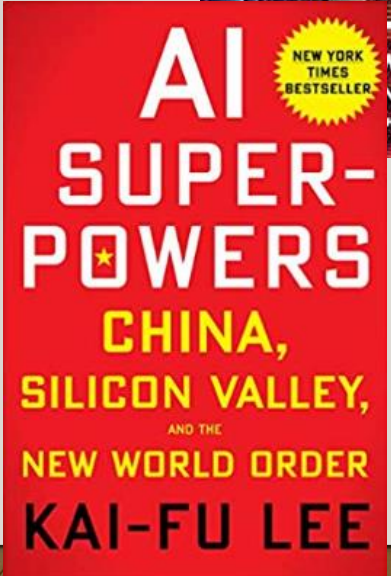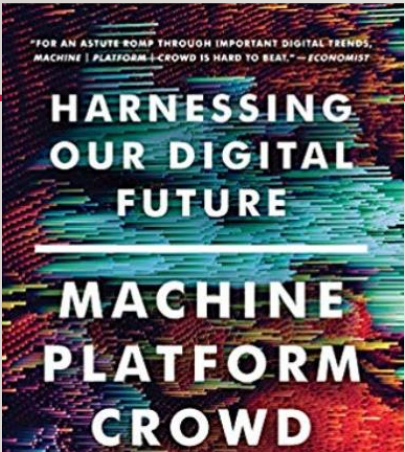
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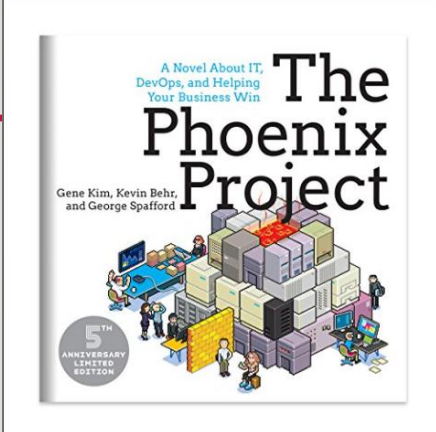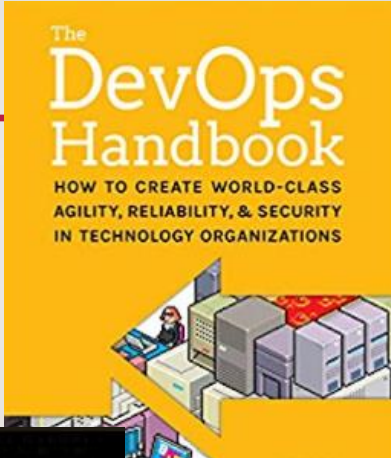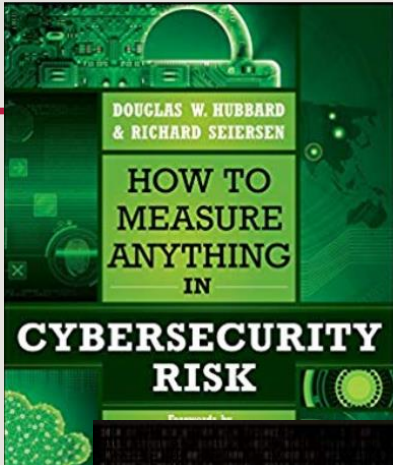
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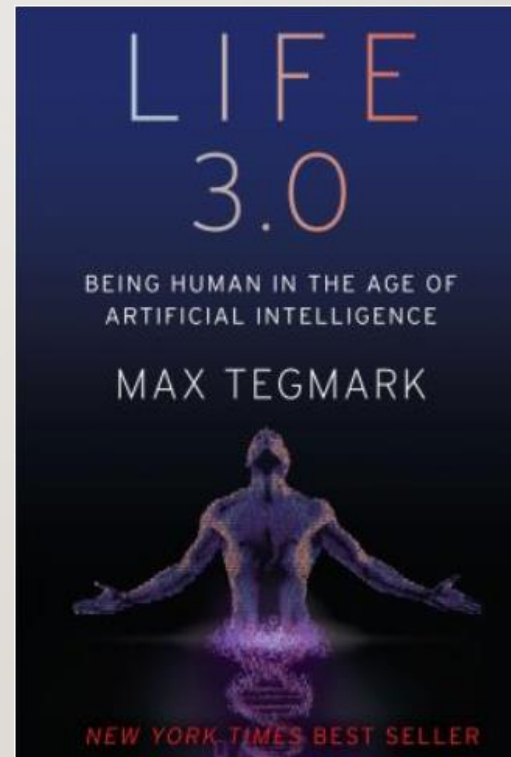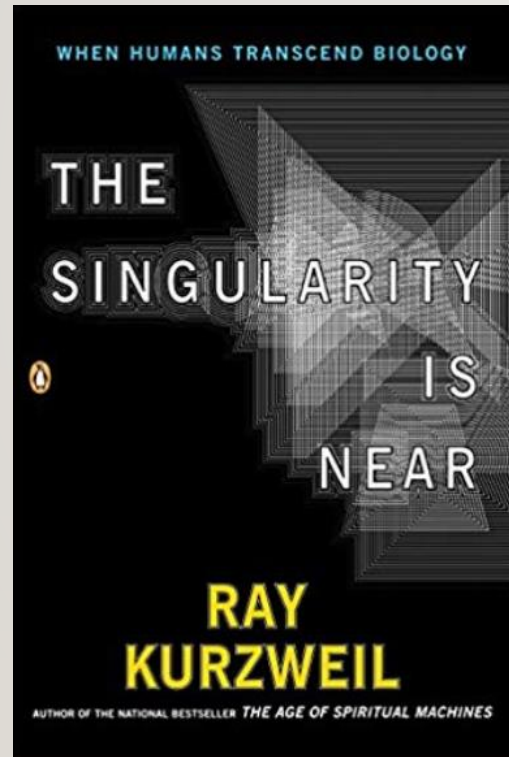# TAKE AWAYS

- Cybersecurity is the Same Human Game in Technical Environment

- Sometimes More Questions Than Answers (i.e. a Wicked Problem)

- Need to Education Yourself in the Following:

  - Know Your Technical Media/Environment

  - Know Your Humans (and their history)

  - Know Self-Research and Critical Thinking Strategies

- All Combined, You Will Figure Out a Way to Help

QUESTIONS