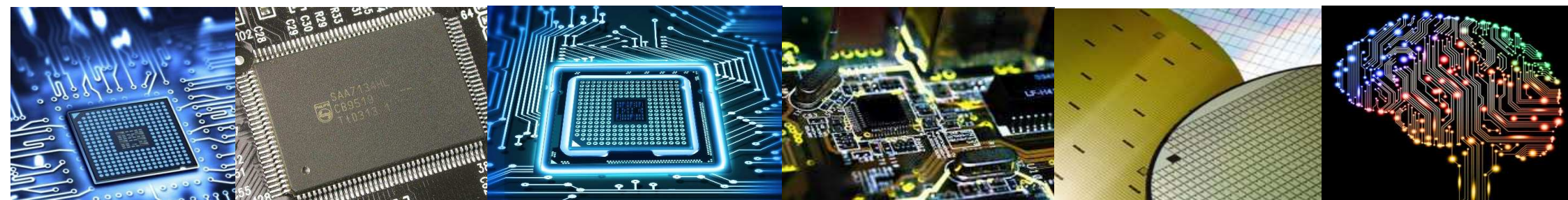




半導體製程技術產業介紹

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20171130



Outline

- Question to you
- Opto-semiconductor & semiconductor industry
- Life to think
- My resume

Opening

<https://www.youtube.com/watch?v=bhhO20NT0u0>

Question to you



Q1. Why do you choose current department?



Q2. Why do we want to apply the job?



從學校離開之後?

你有甚麼?

Q1. TOEIC/TOFEL/GRE/GMAT/全民英檢?

Q2. 學校成績單的用途?

Q3. 專利?

Q4. 論文?

Q5. 競賽經驗?

Q6. 都沒有? 那你有什麼?



大學四年級之後?

學術研究?

產業界?



學術研究之路

- 研究所碩士
 - 國內
 - 國外
- 博士
- 研究機構
- 大學教書



產業界之路

服務業

傳統產業

科技業

新創事業



電機系畢業後的工作選擇



一家公司開創的過程

重要的是什麼？



一家科技公司開創的過程

重要的是什麼？



Opto-semiconductor & semiconductor industry



半導體技術帶給這個世界的影響

Sales Leaders - 2016

The number of global semiconductor suppliers is not the highest in the United States, which has more than eight firms, followed by Japan, Taiwan and Europe with three each, South Korea with two and Singapore with one.

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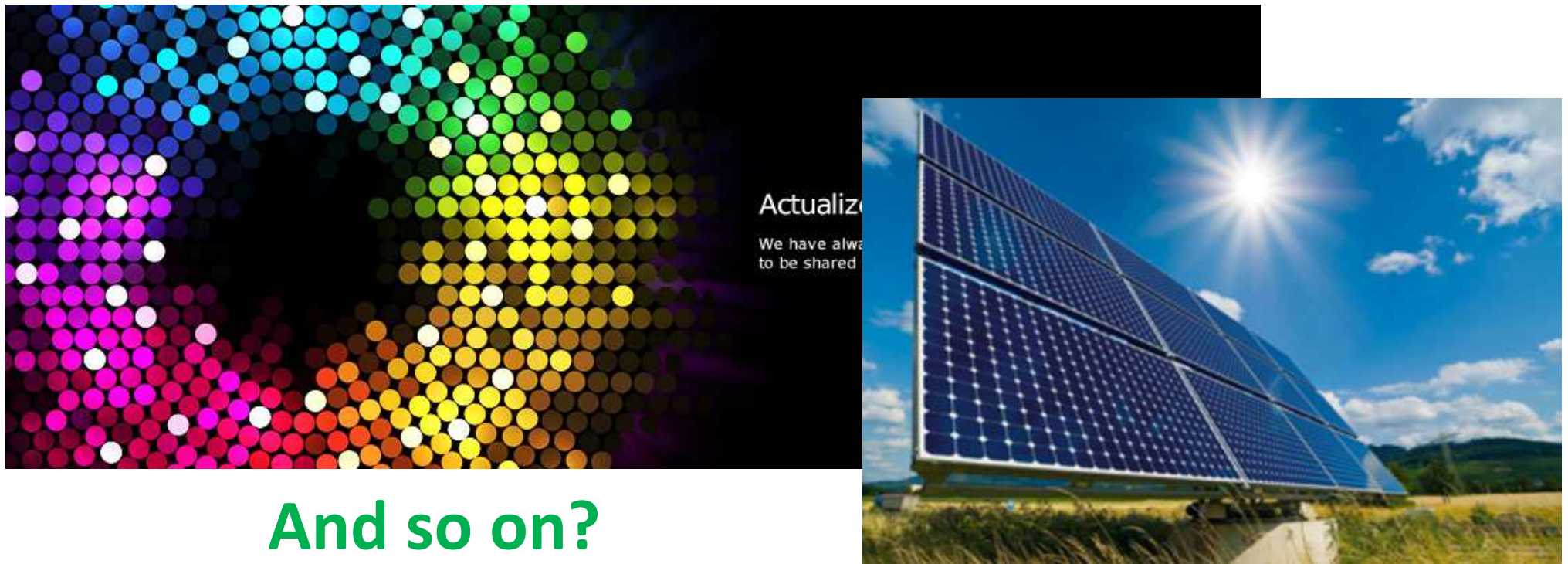
China-based wireless supplier H3C listed \$800 million and Japan-based ICM listed \$600 million in revenue for the top 20.

Global semiconductor market revenue grew 3% year-over-year in the first quarter of 2016, while the global semiconductor market revenue saw a decline of 3%.



光電半導體製程技術所涵蓋的領域

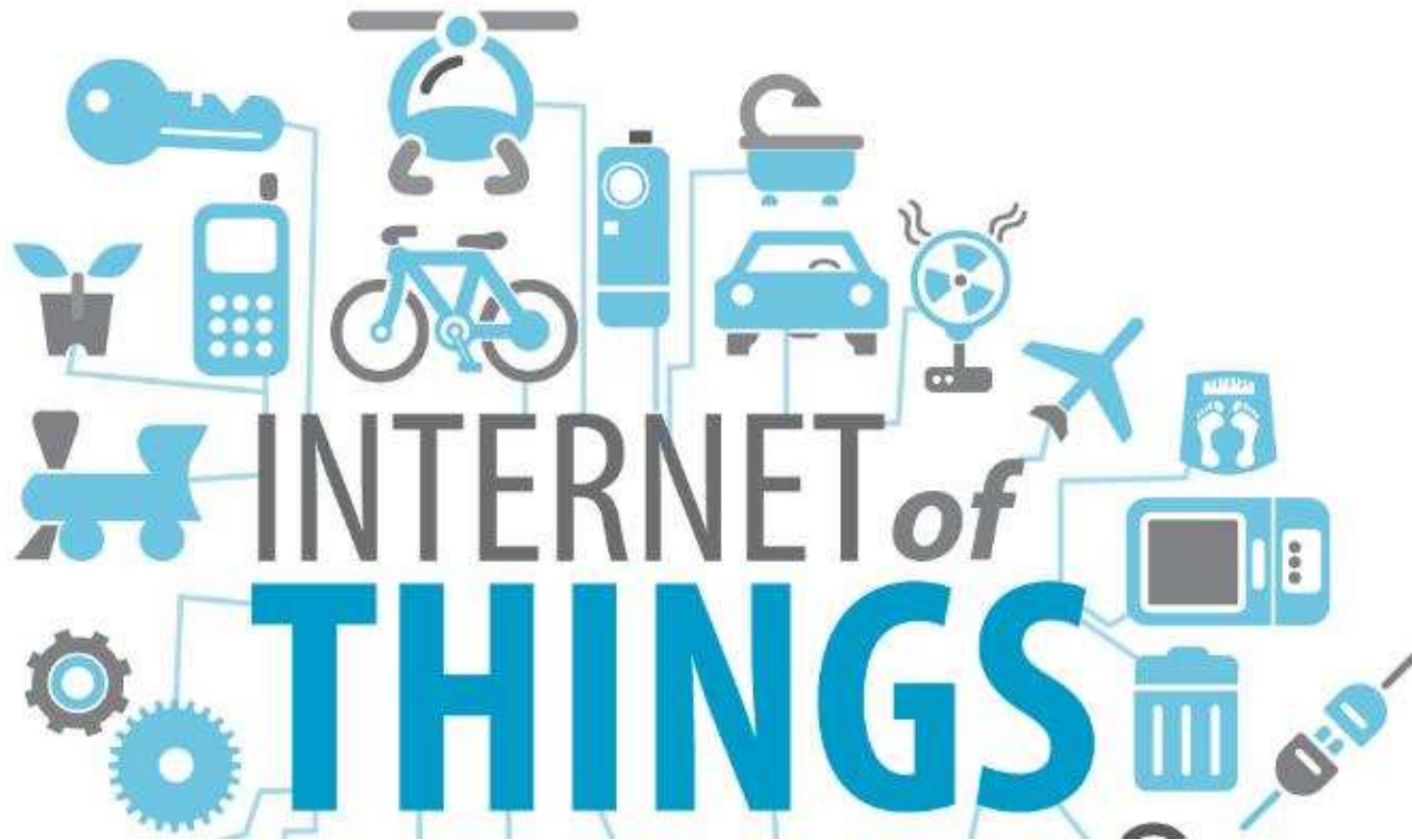
利用光與電的交互作用並利用半導體技術做為橋樑



台灣半導體產業



光電半導體技術的產業選擇



工作的選擇

選工作

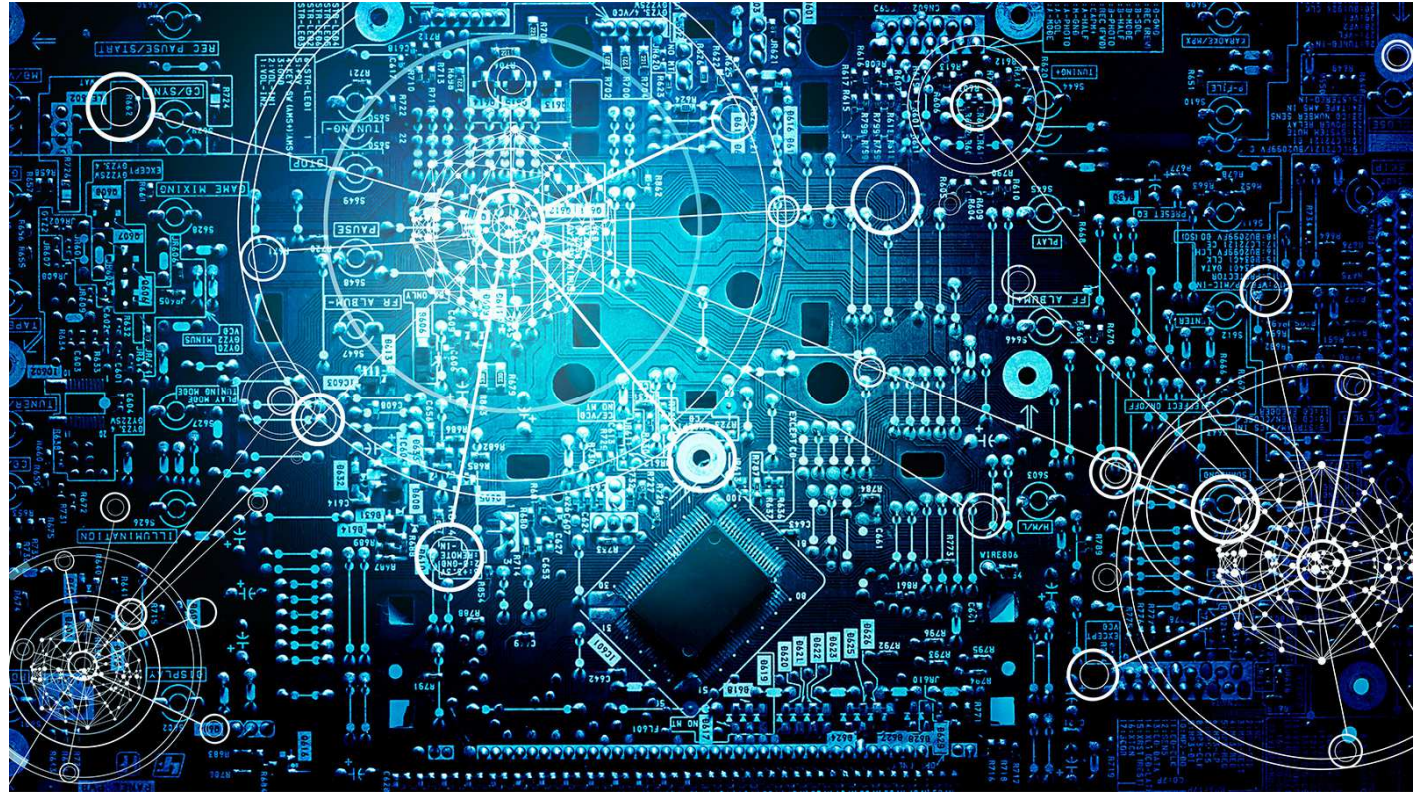
選產業

選擇學習的前輩



這個世界的變化

石器時代
鐵器時代
工業時代
科技時代
網路時代
人工智慧時代



Life to think



性向與天賦

SWOT



你是誰



你想做什麼？

你能用什麼來換？



產業的需求

- Smart
- Efficient
- Productivity
- Heart

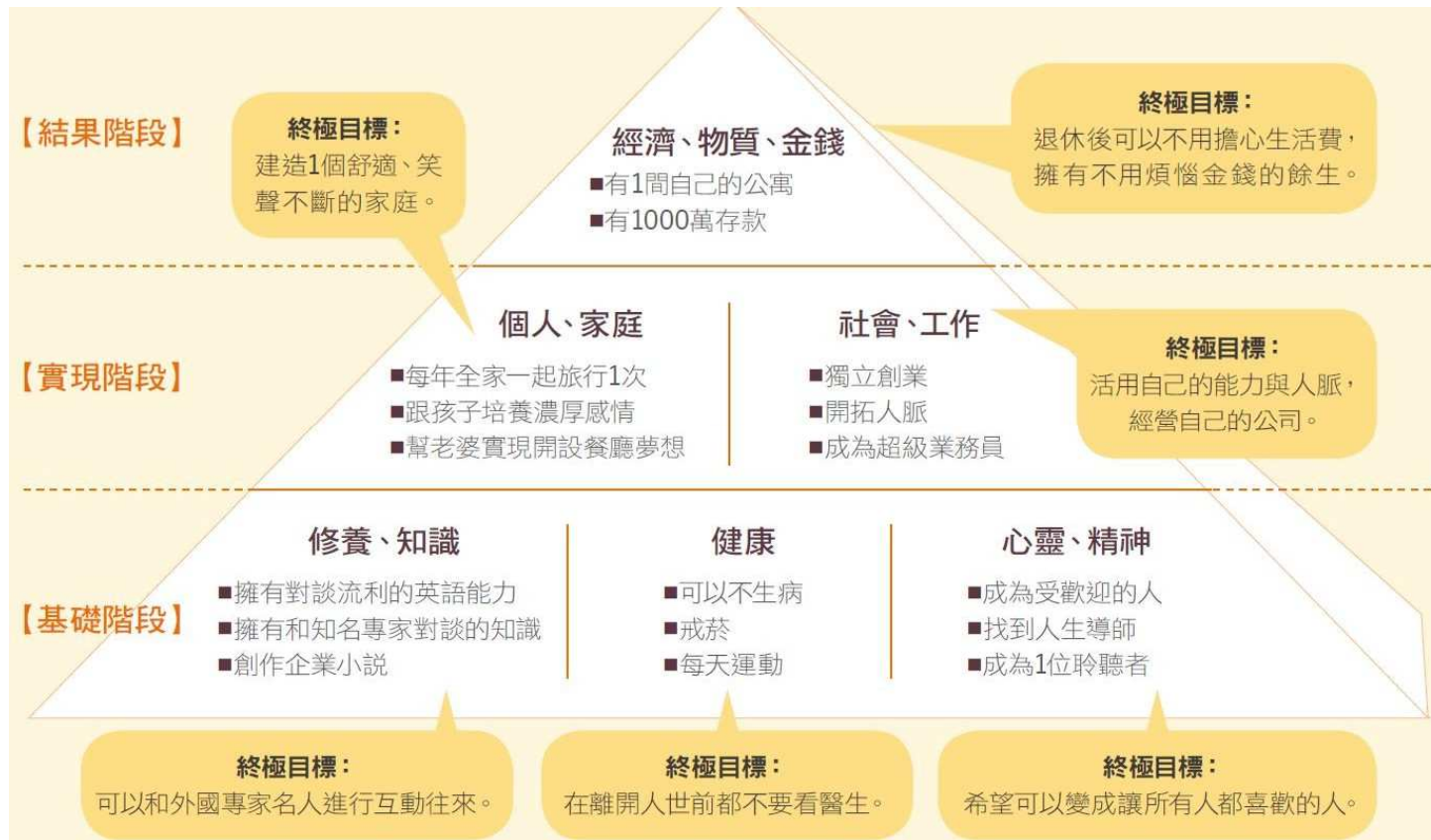


世界的需求

- Innovation
- Anything is possible
- Willing to do
- Confidence



你想從工作中得到什麼？



工作的定義?

Wikipedia

A job, or occupation, is a **person's role in society**. More specifically, a job is an activity, often regular and performed **in exchange for payment** ("for a living"). **Many people have multiple jobs** (e.g., parent, homemaker, and employee). A person can begin a job **by becoming an employee, volunteering, starting a business, or becoming a parent**. The duration of a job may range **from temporary (e.g., hourly odd jobs) to a lifetime (e.g., judges)**.

人生中什麼事情是相對重要



回到探索世界的初衷



問問自己幾個問題

你是誰?

你能做什麼?

你想做什麼?



WHO AM I?

馬斯洛的需求理論



興趣六型特徵



一窩蜂往大公司擠？

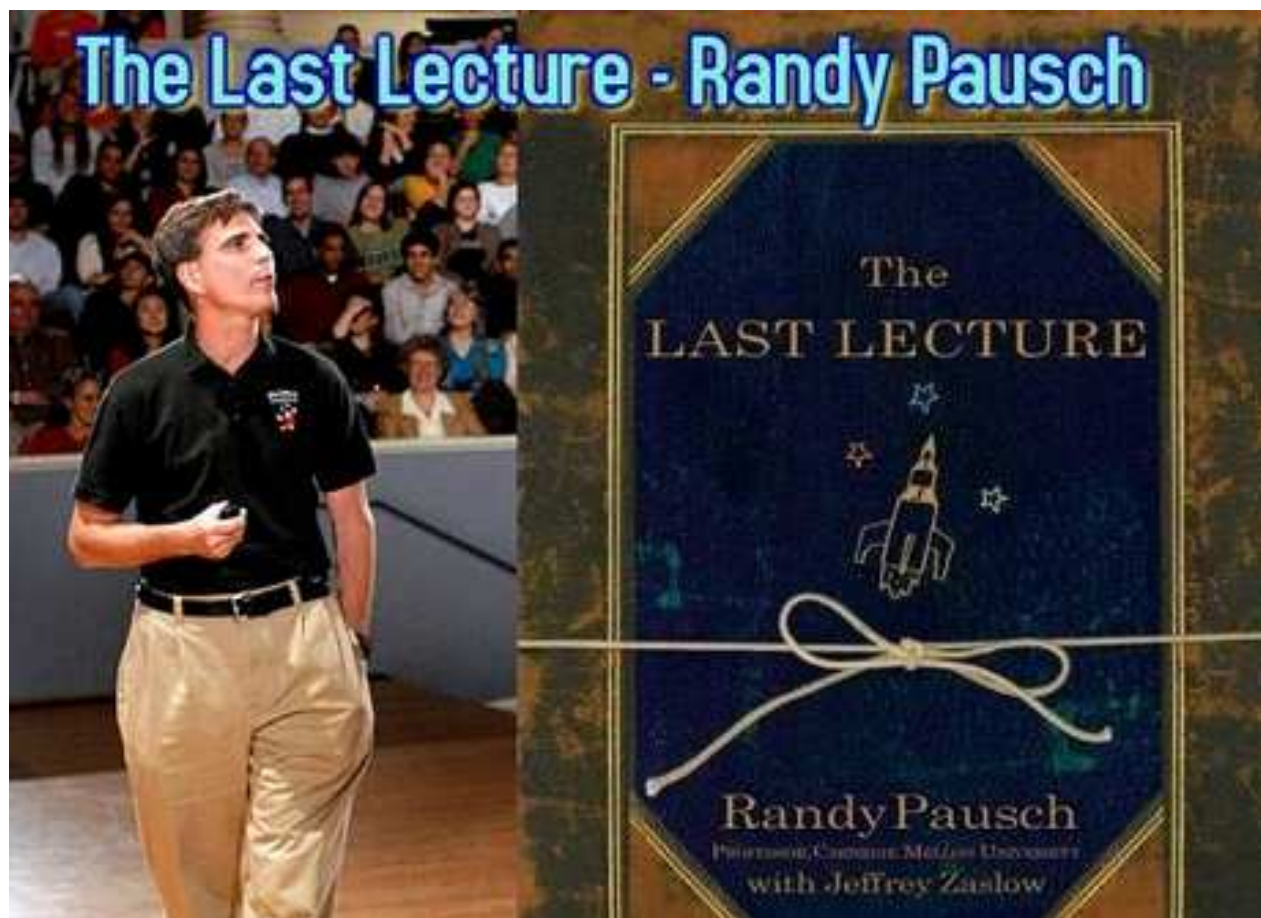


你的選擇?

適合自己或是真心想要嘗試
真心喜歡，你會有源源不絕的力量




如果你只有一個禮拜的生命



Don't waste time

If you love life, don't waste
time, for time is what life is
made up of.

Bruce Lee

 quotefancy

題外話

本人同學的際遇

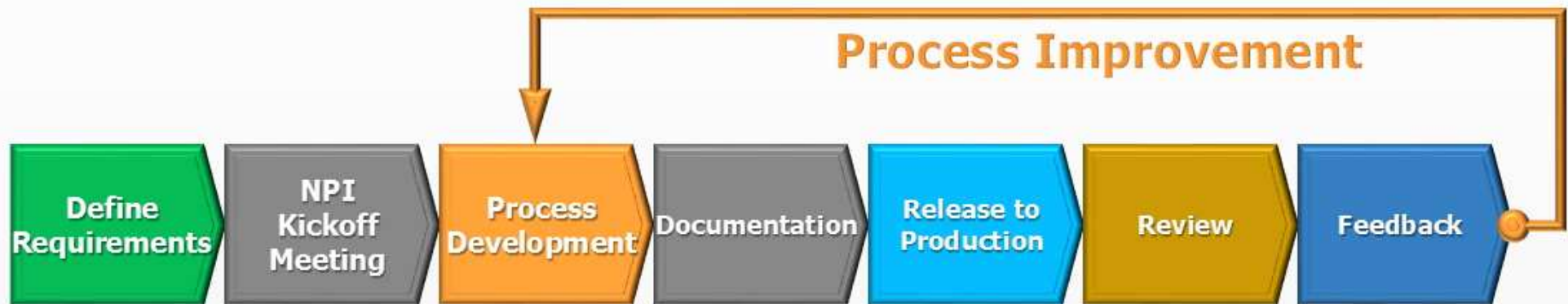
- 從事保險業18年，年薪500萬。大學畢業

時間與持續的複利魔力



我的履歷表

NPI (New Product Introduction)



Program Start

Development

Manufacturing

Prospect Phase > Concept Phase > Prototype Phase > Pilot Prod. Phase > Production Phase

TG0

- Project Defined
- Contract Signed

- Proposed manufacturing flow successfully demonstrated
- Product functionality demonstrated

- Sales/CiE Supported

TG1

- Design Freeze
- Process Freeze
- Q-PI sign-off
- Fully Functional Parts Delivered

- PM Supported

TG2

- Specs sign-off
- Stabilize Yield

- PM/Fab Supported

TG3

- Improve Yield
- Production Sustaining
- Production Pricing

- Fab Supported

WASA



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現場面試 徵求勇士進行對談

