

# About me:



**Senior Researcher & Manager**  
Cyber Security Laboratory  
Risk Advisory  
Big Consulting Firm in Japan

- More than 20 research papers and technical talks in US, Europe, Singapore, Myanmar, Japan
- Live in Tokyo & contact me for any help I can.
- Reach me via [yinminpapa@gmail.com](mailto:yinminpapa@gmail.com) or Facebook

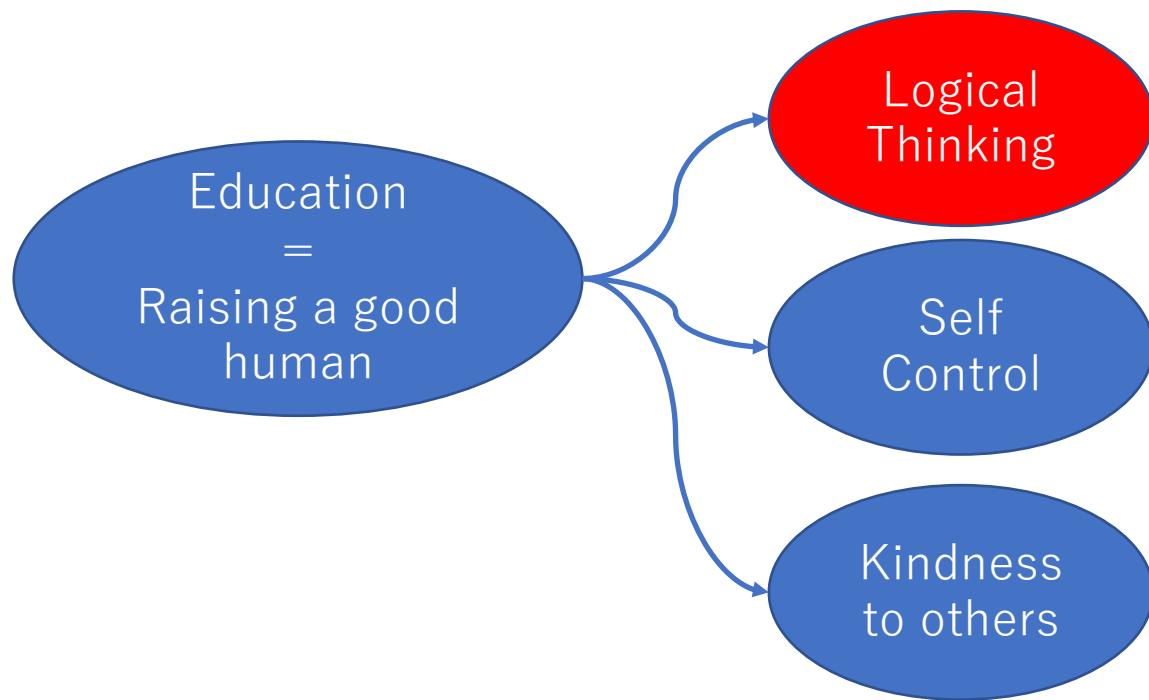
## **Research interests:**

1. Network security
2. Malware Analysis
3. IoT security
4. Web security
5. Wireless Security
6. AI Security

# Contents

1. Education in Japan
2. Society 5.0 in Japan

# Programming becomes a compulsory subject in Japanese Primary School



- How we think during programming
  - Define a problem
  - Think in order
  - Make a Trial Solution
  - If not work, find the error
  - Debug the error and solve the problem again and again
  - Improve the solution

We already have this skill, education trains it to have a better skill.

- 1) No ring bell
- 2) No schedule
- 3) No test
- 4) Share your story

# Education in 20XX

1. No school bag [Cloud]
2. No attendance call [AI]
3. No group lessons [AI]
4. No test [IoT + AI]
5. No common timetable [AI]
6. No English teacher [Robot]
7. Virtual Playground [VR]
8. Robot waiter at library and canteen [Robot]
9. Connected Sport Events / Dance [5G, 6G]
10. Graduation by learning history on blockchain [Blockchain]
11. Career Guide [AI]
12. Multi university registration [AI]

# Education in 20XX with the aid of advanced ICT

<https://www.youtube.com/watch?v=vUhYRW0cd6o>

# Society 5.0 (Technology Based Human Centered Society)

1. Health Care
  1. Wearable IoT for health care
  2. Remote Surgery
  3. Specific medicine for each person
  4. Early Cancer detection
  5. Disease Forecasting
2. Mobility
  1. Self Driving
3. Services
  1. AI speaker based services (Taxi, Food order)
  2. Delivery by Drone
  3. AI based Matching (Couple, Friend, University)
  4. Forecasting ( Match, Weather)
4. Human Availability
  1. Muscle Control for the better performance & nursing
  2. VR to see and feel beyond time and distance
  3. Robot assistant & Robot Pet
5. AI @ Home

# Current AI and IoT in our daily life



人感センサー「COCORO EYE」を採用し<sup>※2</sup>、音声で対話や操作ができる

COCORO EYE

冷蔵庫本体に人感センサー「COCORO EYE」を採用。冷蔵庫の前に人が近づくと「COCORO EYE」が感知してメッセージを届けてたり、話すことができます。冷蔵庫に話しかけことで、いろんな情報を知ることができます。



# A day with AI



<https://www.youtube.com/watch?v=249hXyODqwY>

# Society 5.0 in Japan

<https://www.youtube.com/watch?v=S9JMuwvzz8g>

# Message

- Create several chances to learn for the children
- Let them choose what they want to do
- Trust the children