my Farewell to AI studies

Over the last two years, I have spend much time study ML and DL from scratch, and I enjoyed the journey and received a lot more rewards than expected.

As my interest has directed me elsewhere, I want to say a proper farewell to my AI studies and give **Big Thanks** to all the friends who supported me online. So, I don't think I have time to answer questions related to AI topics anymore.

AI is new electricity of 21st century, but it is no longer mysterious.

What I have learnt about AI:

- to learn AI as a future common technology, like MS Office; (easy for everyone)
- to learn AI as a future common engineering course, Andrew Ng's courses on ML and DL; (successful)
- to learn AI as a future science or math degree, attempt to learn the textbooks inside-out, such as *Machine Learning and Pattern Recognition* and *Machine Learning: an probabilistic perspective*; (unsuccessful as it demands PhD equivalent investment in time and devotion)

What I want to say about math for AI:

- as a technology, you don't need math for using AI;
- as an engineering science, Ng has made the necessary math accessible enough for everyone to understand, as a result most of AI papers focus on engineering aspect (not extensively centered on math) should be accessible to people who successfully completed Ng's courses.
- as a mathematical science, we suggest to leave math of AI for math or CS PhDs.

How to educate or train yourself become a successful AI engineer?

- I have not tried myself, so my words here have no credit;
- but I propose that if you are good at STEM education, you can be a successful AI engineer;
- then the question is how to equip oneself to be good at STEM regardless whether one is doing a STEM degree or not
- my research and instinct tell me that if you can educate yourself in mathematical modeling for high schoolers using the guidebooks provided by SIAM, then you have the capacity to be good at STEM.