Youth IGF-2019

The future of work; Digital Jobs and Youth Inclusion

- You are fortunate to be living in a period of growth in a new digital space with great opportunities ahead of you; exciting time to be alive
- However the era of knockout punches maybe over and we now have to score points which are still good enough
- Future of work is digital mixed with reality; needs ability to develop, manage and control smart digital assistants
- Digital jobs will be in all disciplines and specialization in disciplines would be important; some existing jobs will be

displaced and new jobs will emerge in all disciplines

-   Diversity in jobs to include youth, gender and age; opportunities for youth as make majority of workforce but experience and good judgment would matter; digital divide is no respecter of creed

-   I am a humble programmer at age 70 and in fact a very good systems programmer. Some are surprised about this but will one be surprised if I were a JD in law and practicing law; would one be surprised if I were a surgeon at 70 and doing surgery. Same with economists. There's no surprise as everyone expect this. So why would one be surprised of a PhD in computer science practicing his profession at 70? This is a fundamental misunderstanding

of computer science and misleading ideas on technologies

- It's a profession much same way as legal, medicine and accounting except all other professions utilize our products, tools and services; it is for certain kinds of people but every one benefits in using our solutions in similar ways we all drive cars but are not mechanical engineers

- many youth seem to be going after the easy jobs and claiming success but these don't survive in the rapid consolidation taking place globally; do the real hard work

- Talk less so can do more work; it's also not about how fast one can type either. It's about correctness. There are things people easily talk about which are very difficult to technically implement

and there are things one cannot easily reverse ones typed in so be careful

- Merit is key as either we have abilities or don't. Can't force or fake it; bugs remain till found and removed
- Africa needs to own the information society and participate in supply side else becomes a consumer economy, an import economy
- Beware of foreign saviors; "Struggle for techno liberation" like a freedom fighter to determine your fate
- Skills vs education; recently many arguing skills are more important for future jobs than education. I differ as education allows you acquire new skills easily
- Tool vs engineering; tools help with workflow but dependence on tools can trap ones engineering thinking

- Solve local problems first before looking outside
- Procure vs develop; technology or acquired but developed
- There is fragmentation of Internet as well as technology going on so beware of what your solutions depend on as they can disappear eg Huawei and supplies from USA
- Go for 4th industrial revolution and be hands on
- Government also has to give smaller projects to locals in order to develop industry
- We have a great future ahead of us but won't come easy. There are those who will wish we outsource all to them but insist on being part of your destiny
- role of communities
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