

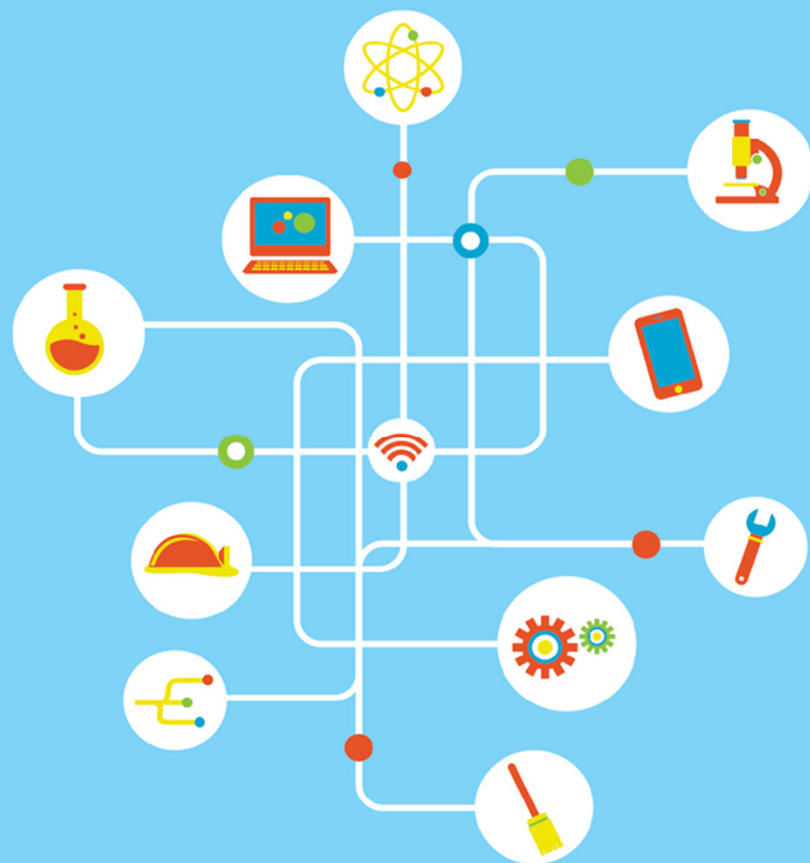
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Managing Director: Coder Factory Academy
Raman Nambiar
21st September 2016



Mr Raman Nambiar Managing Director

Digital Literacy

*[Session 9: Blended & e-learning
to transform teaching & learning]*



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Education Disruption

- Vocational focus
- Self directed learning
- Gauging success



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Online learning

- MOOCS
- Online content generators
- Student retention
- Broadcasting



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Create your future

- Program or be Programmed
- Is it really that hard?
- Not just roast chicken



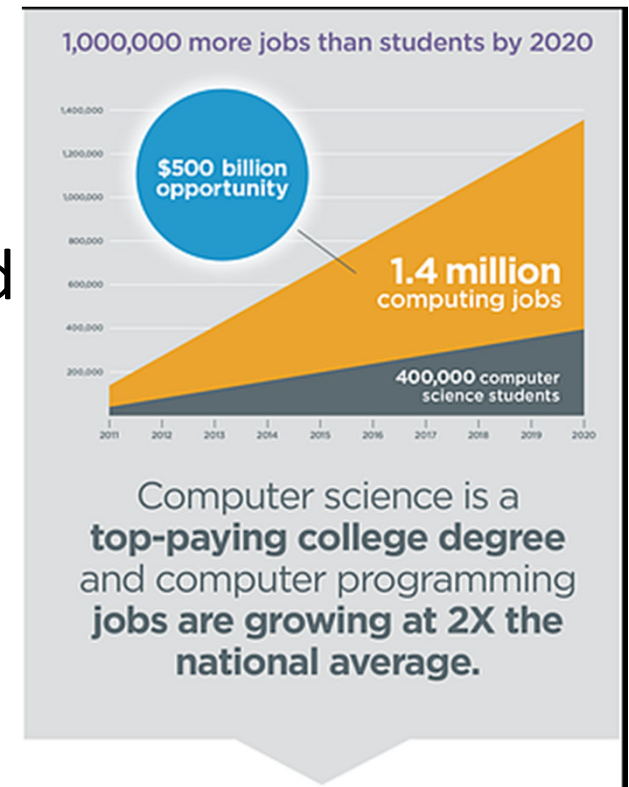
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Industry demand

- Not enough graduates
- Graduates lack practical skills
- New languages every 6 months
- Emerging tech opportunities wasted



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Other problems

- Gender imbalance
- Cultural imbalance
- Demographics



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Boot camps

- Super intense 40+ hours per week
- Solve problems- practical skills
- Employability
- Code quality
- Industry Engagement

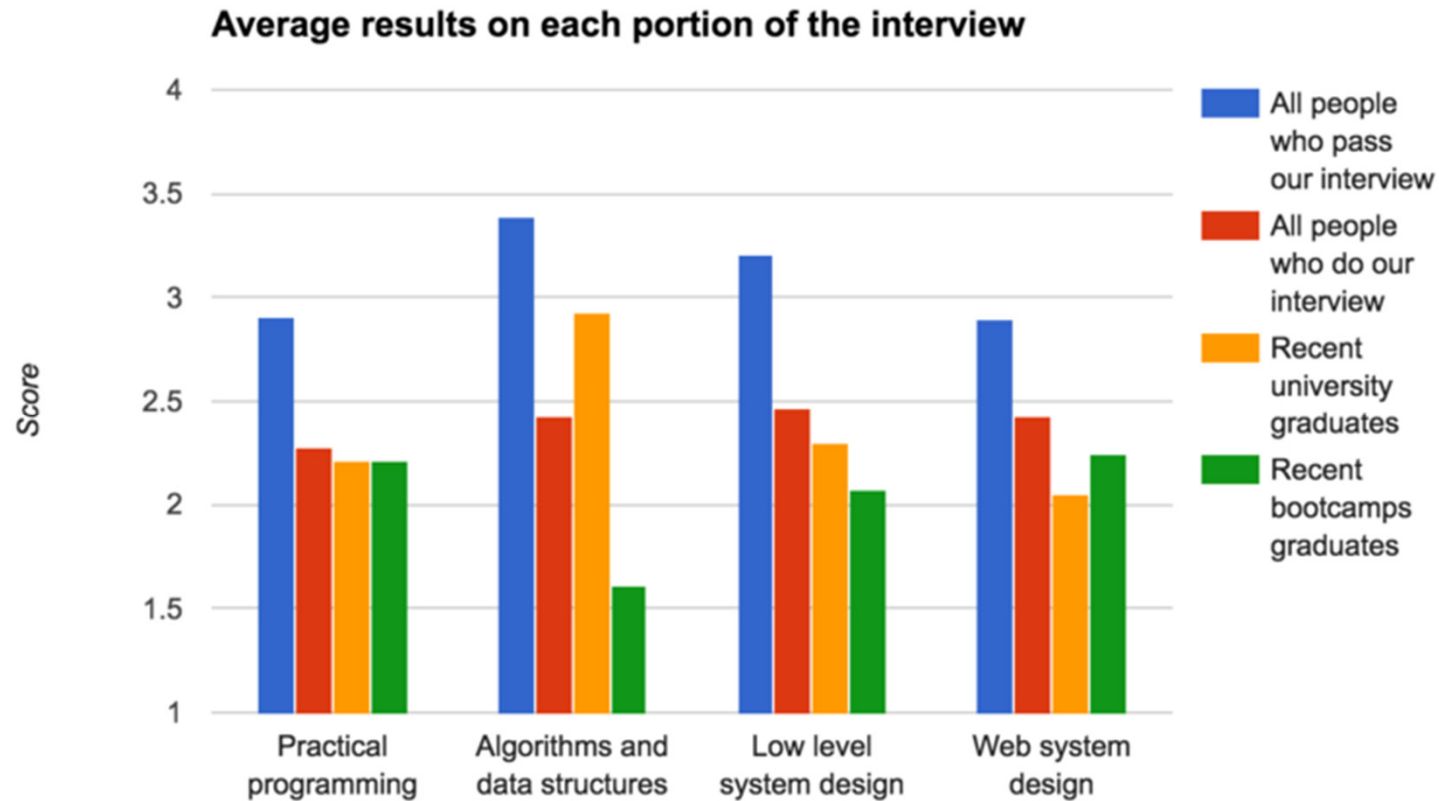


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Boot camp results



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Women in Tech

- Scholarships
- High school training
- Corporate sponsorships
- Industry engagement
- Community groups



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Coding in schools

- Recognition of current problem solving approaches
- Collaboration with traditional STEM curriculum
- Use of tech and non tech resources to demonstrate logic
- Introduced at the primary level
- Myth of technical generation- can use tech but not create and apply problem solving aspects



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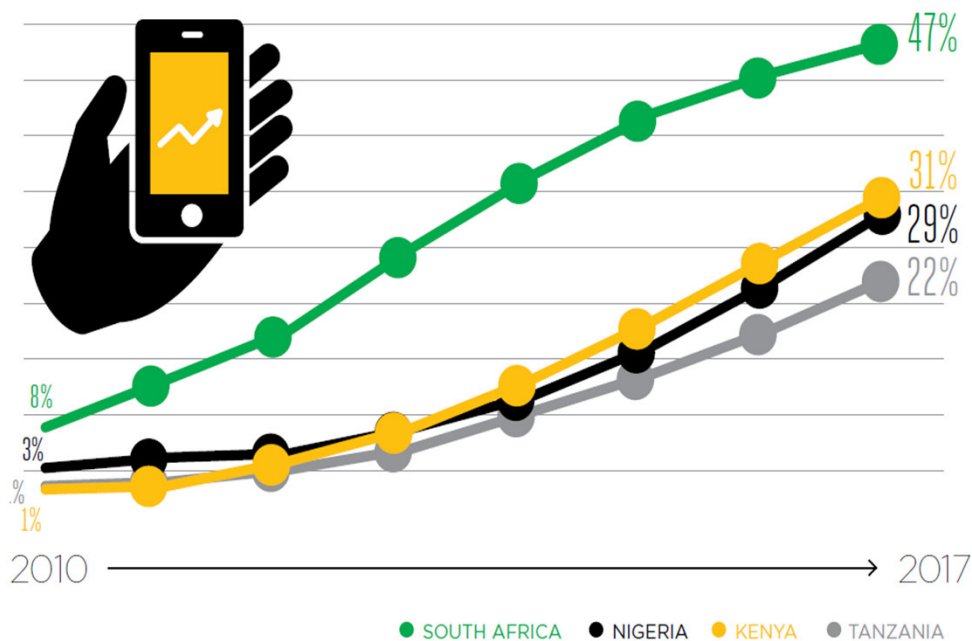
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New world

SMARTPHONE PENETRATION

SELECTED COUNTRIES SSA



Source: Strategy Analytics

Older native platforms being replaced by hybrid app development



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New reality

- Cloud based technology
- Low cost monthly services
- Buffet of APIs



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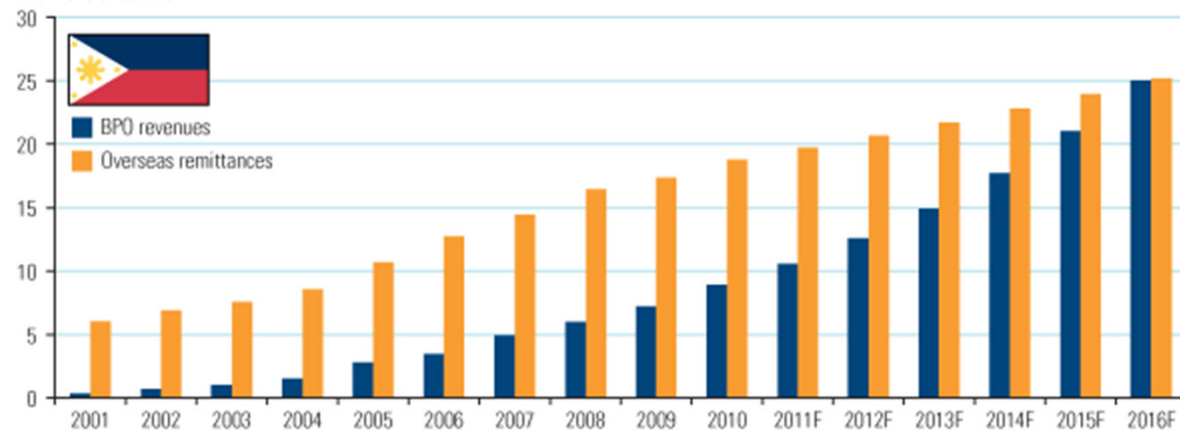


Job opportunities

- Knowledge Process outsourcing growing globally at 23% per year

The Philippines BPO and Overseas Remittances Should Each Grow to \$25 Billion

In billions of dollars



Source: CLSA Asia-Pacific Markets, BSP, Business Processing Association of the Philippines (BPAP)

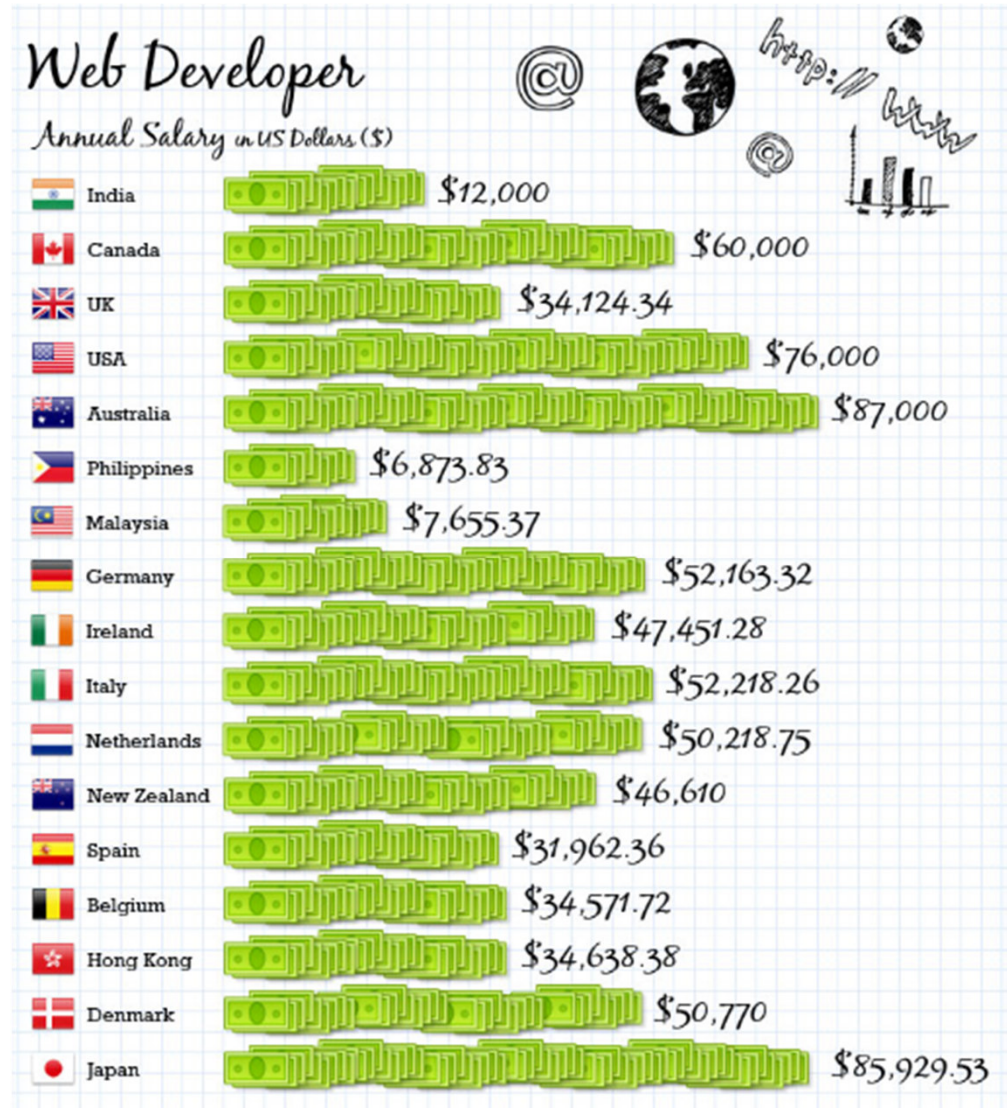


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Jobs cont.



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IT skills now integrated with broader business

[illegible]

Source: LinkedIn customised report (2016)



Jobs cont.

Table 2.4: Industries with the largest share of ICT job advertisements, 2015

1	Information technology and services	11	E-learning
2	Computer software	12	Financial services
3	Internet	13	Human resources
4	Electrical and electronic manufacturing	14	Computer games
5	Information services	15	Telecommunications
6	Staffing and recruiting	16	Military
7	Computer hardware	17	Banking
8	Computer and network security	18	Government administration
9	Consumer electronics	19	Accounting
10	Computer networking	20	Hospital & health care

Source: LinkedIn customised report (2016)



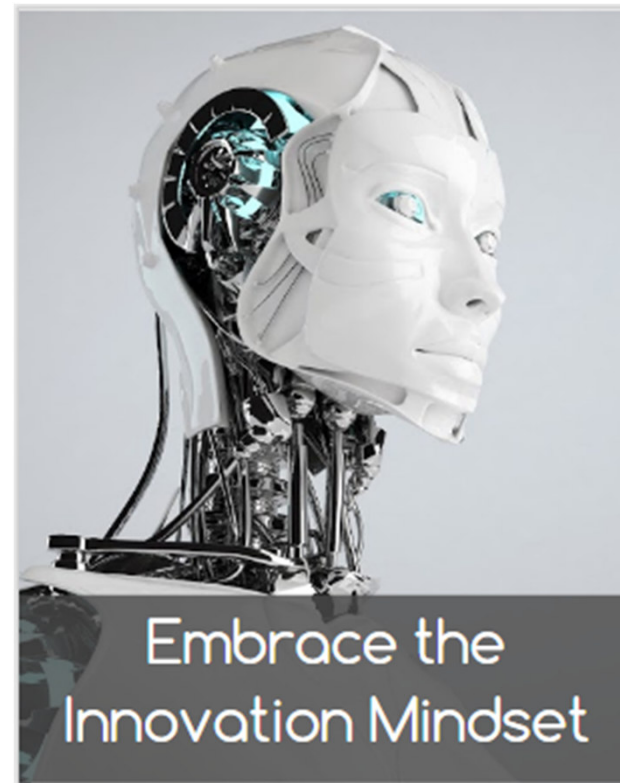
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Corporate coders

- Sales
 - Marketing
 - Finance
 - Human Resources
 - Legal
-
- Hackathons
 - Upskilling
 - Communication



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Stakeholders

Government

- Student loans

- Teacher training in Digital curriculum

Private Sector

- Student loans

- Sponsored digital curriculum

Funding agencies

- Niche areas of demand



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Thank You

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