

ICT strategies enabling Innovation and Entrepreneurship



Introduction

- Raman Nambiar- Managing Director of Gerudio
- Entrepreneur in Hospitality, Security, Education, Technology

- Broadening the access to Technology
- Current tech innovations
- Next generation of innovators

Entrepreneurship

- Entrepreneurship is solving problems
- Recognising gaps locally and globally



Education Disruption

Vocational focus

Self directed learning

Gauging success



Online learning

- MOOCS
- Online content generators
- Student retention
- Broadcasting



Create your future

Program or be
Programmed

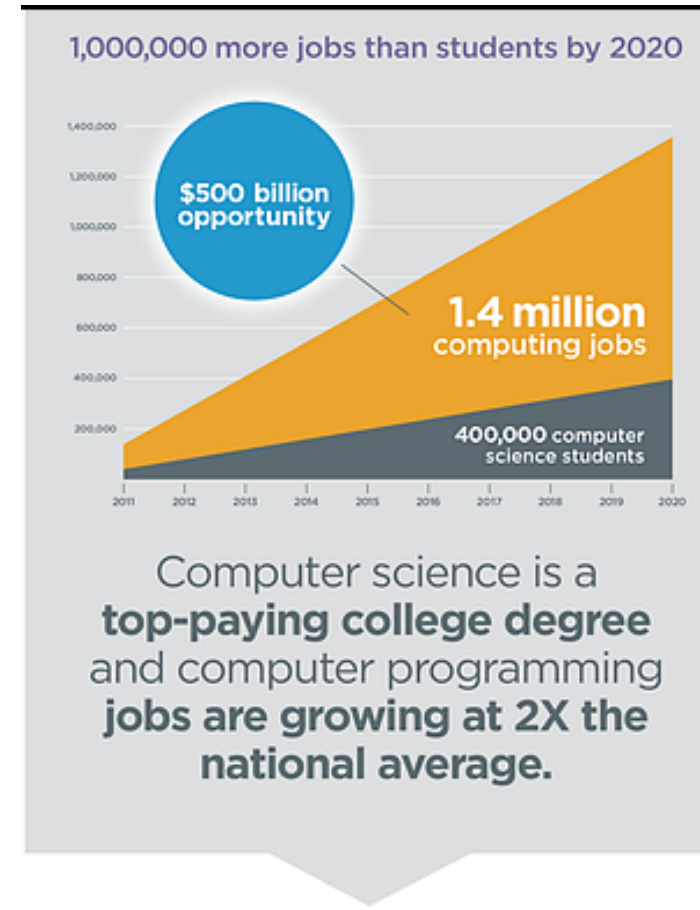
Is it really that hard?

Not just roast chicken



Industry demand

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



Other problems

- Gender imbalance
- Cultural imbalance
- Demographics



What most schools don't teach

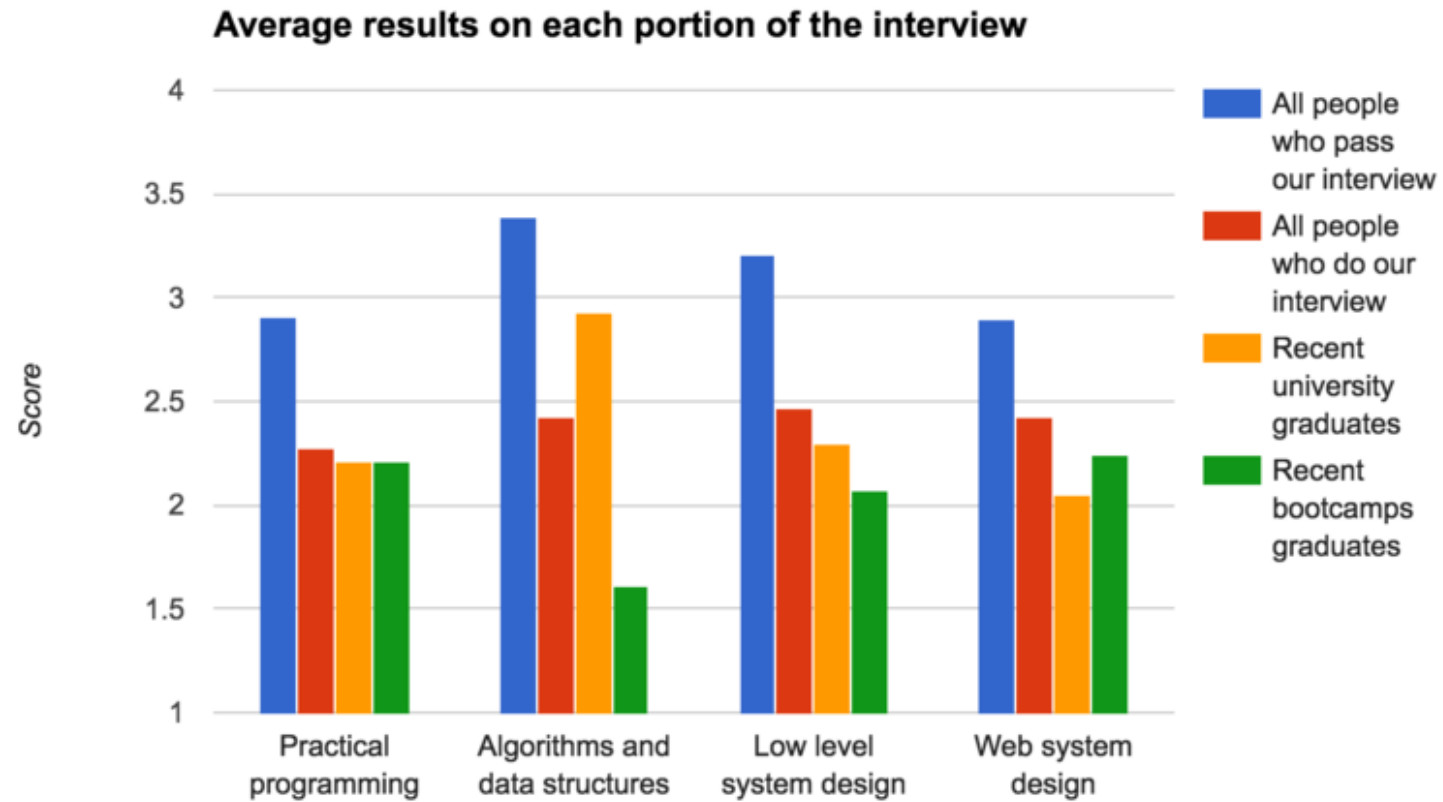


Boot camps

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



Boot camp results



Women in Tech

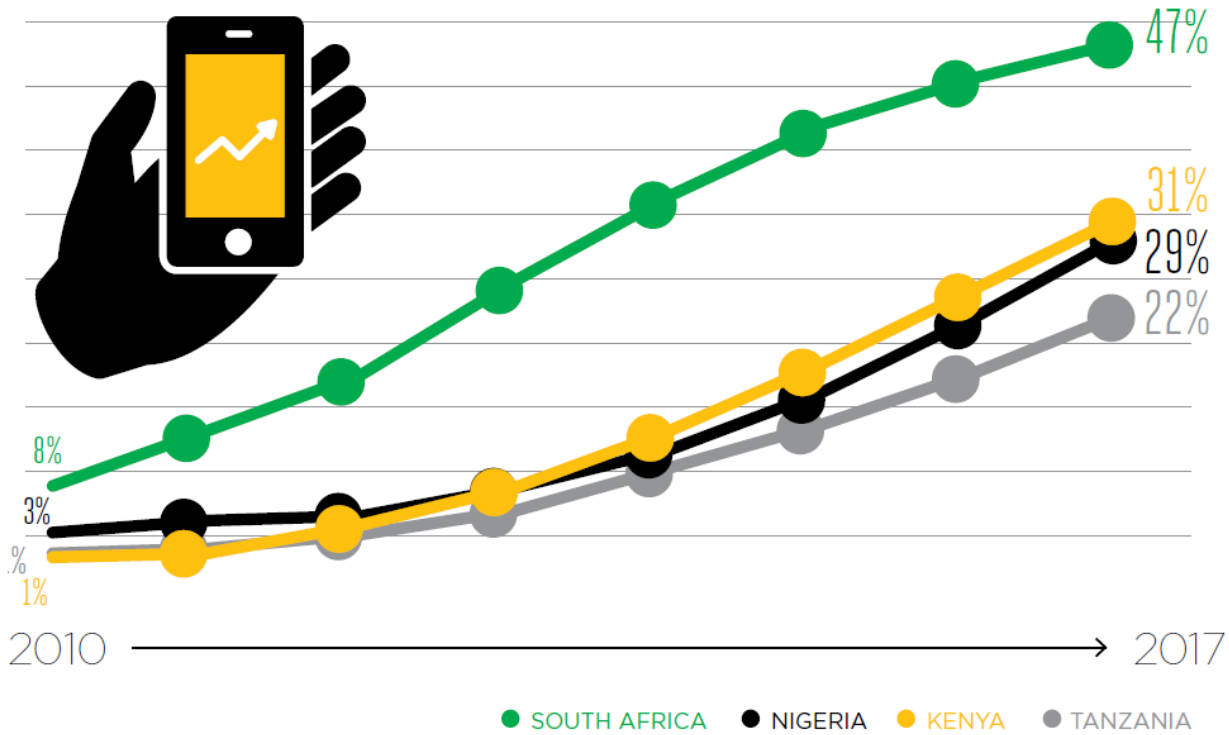
- Scholarships
- High school training
- Corporate sponsorships
- Industry engagement
- Community groups



New world

SMARTPHONE PENETRATION

SELECTED COUNTRIES SSA



Source: Strategy Analytics

Maslows Hierarchy



Maslow 2016



Maslow 2016



New reality

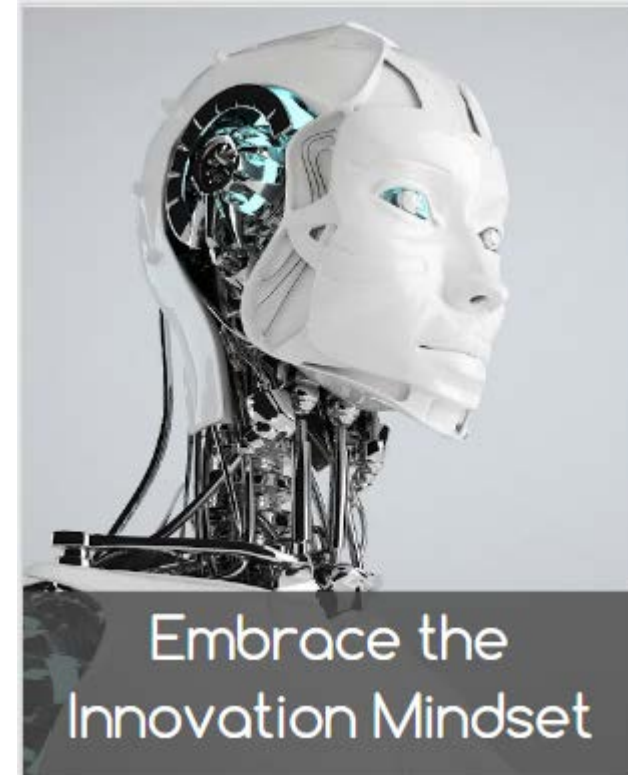
- Cloud based technology
- Low cost monthly services
- Buffet of APIs



Corporate coders

- Sales
- Marketing
- Finance
- Human Resources
- Legal

- Hackathons
- Upskilling
- Communication



Current innovations

- Where do they come from
- Augmented Reality- Defence/simulations
- Virtual Reality- Gaming
- Block chain- Financial intermediary pricing/bottlenecks
- Robotics- Manufacturing
- Drones- Gaming/logistics
- Big Data- Information storage
- Internet of Things- connected devices

Future for Entrepreneurs

- Tailored regional solutions
- Individual networks
- Customer expectations higher and higher
- Transparency
- Job losses in old industries while new industries rise

