

# ICT strategies enabling Innovation and Entrepreneurship



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# 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

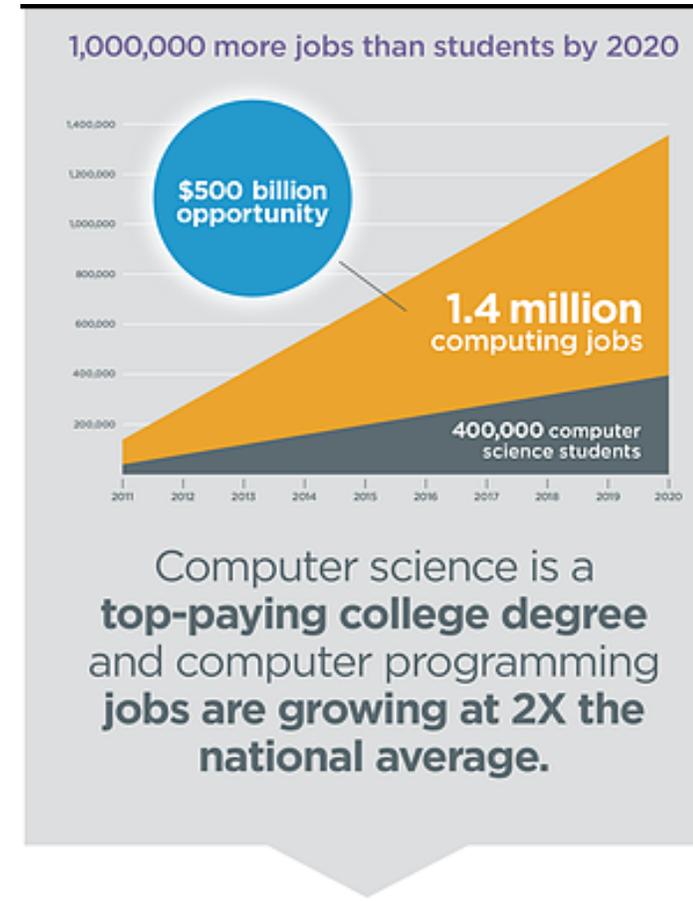
Is it really that hard?

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

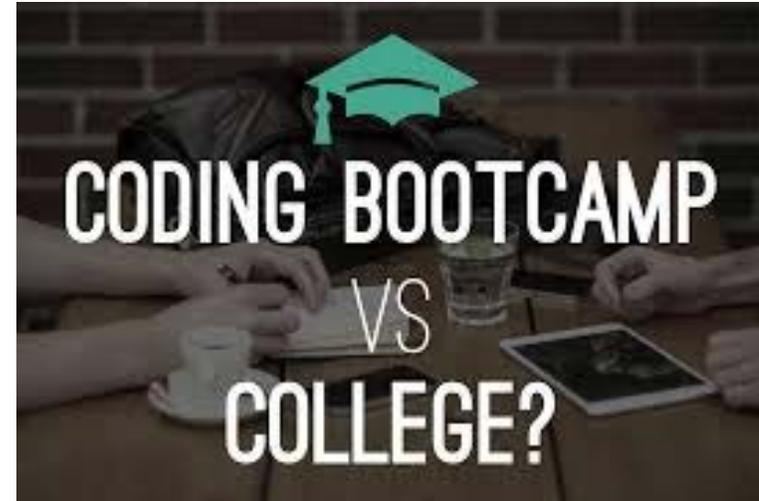


# What most schools don't teach

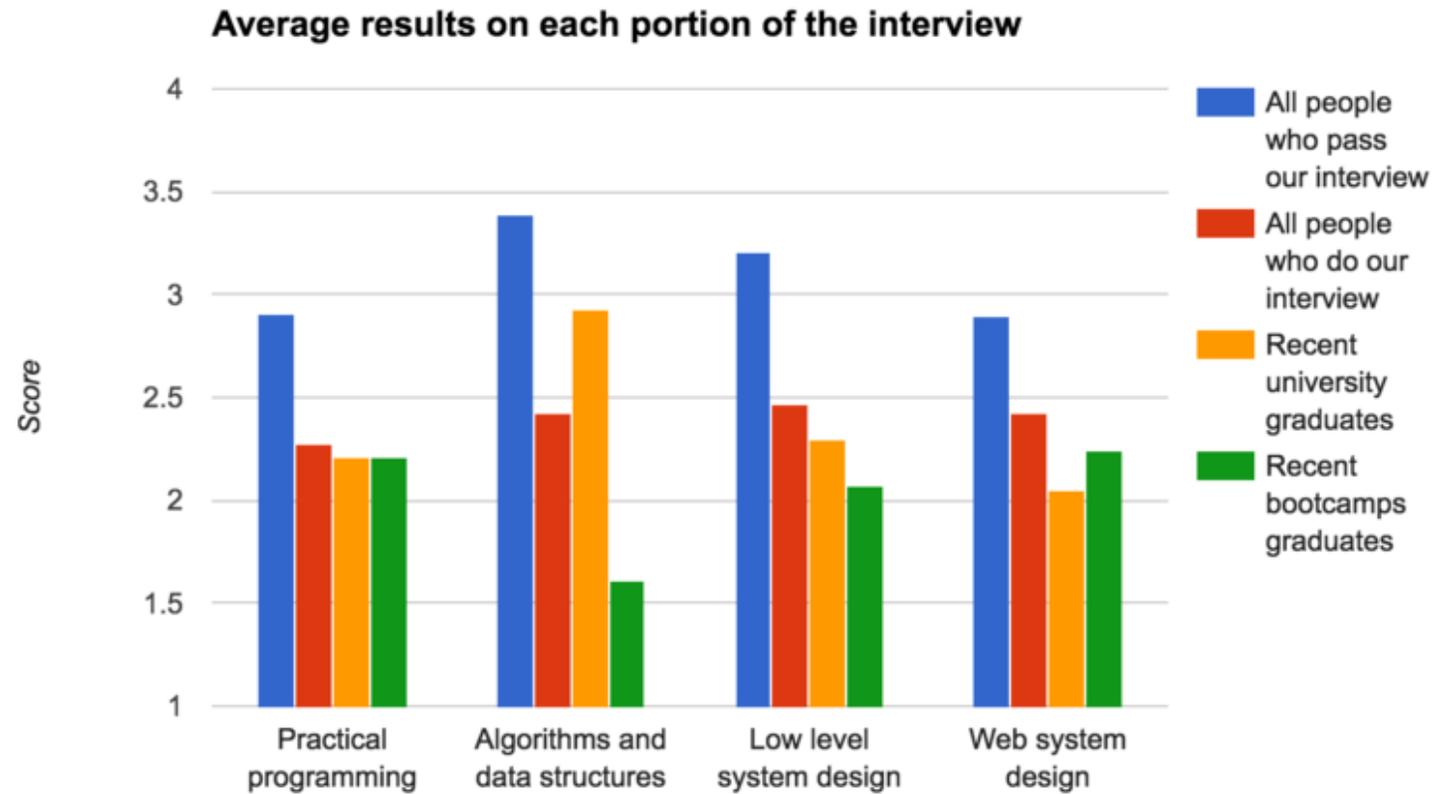


# Boot camps

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



# Boot camp results



# Women in Tech

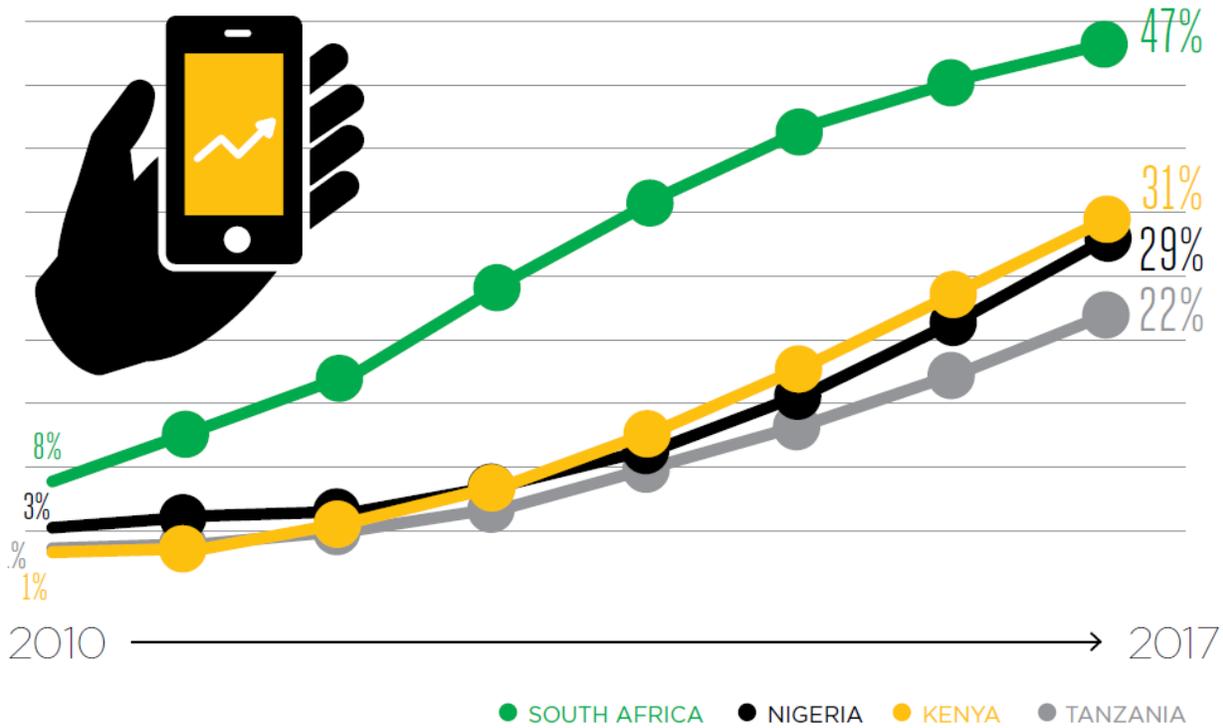
- Scholarships
- High school training
- Corporate sponsorships
- Industry engagement
- Community groups



# New world

## SMARTPHONE PENETRATION

SELECTED COUNTRIES SSA



Source: Strategy Analytics

# Maslows Hierarchy



# Maslow 2016



# Maslow 2016



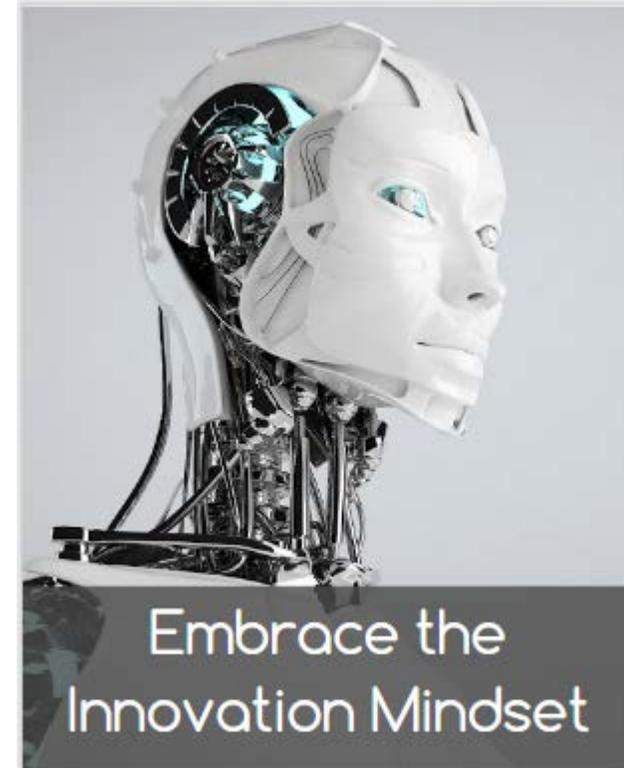
# New reality

- 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

