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Real projects. Real learning.



Today's Learning, Tomorrow's Success



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Microsoft Education Ambassador

Microsoft Innovative Educator Expert

- **Who are the learners of today?**
 - What is learning today?
- **What is the role of the teacher and Academe today?**
 - What are we preparing them for?
 - How is academic success measured today?



Success Stories

- Flexible Assessment
- Learning Management System
- Massive Open Online Courses
- Office 365 & Collaboration
- Microsoft Showcase School
- Flipped Classroom
- Industry Certification
- Future Proof
- Real Projects, Real Learning (PBL \ Internship)



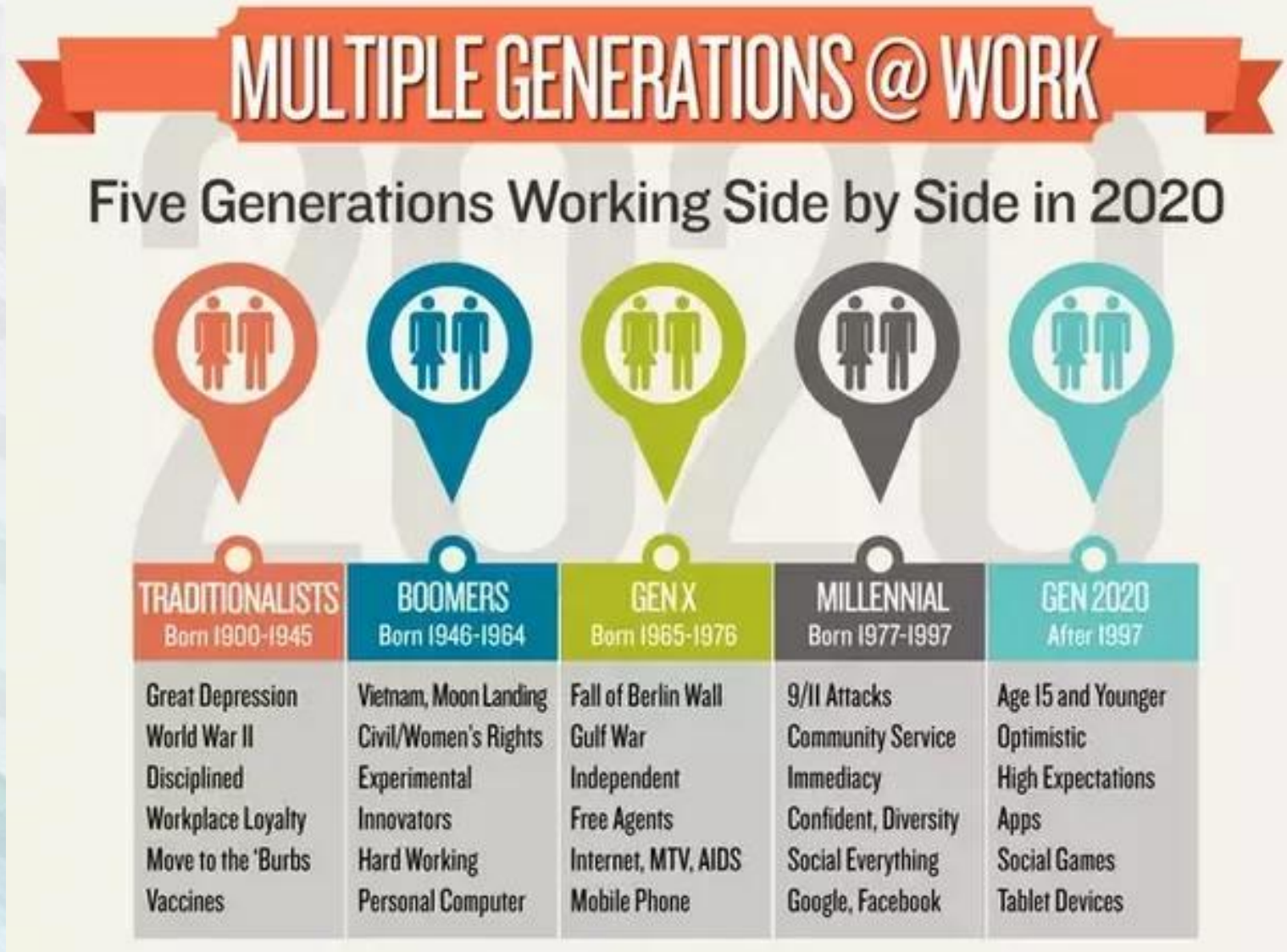
Background

- Computer Science Major
- Accidental Teacher
- IT practitioner
 - Systems Administration
 - Network Management
 - Infrastructure
 - Technical Support
- Industry Experience (Local/Foreign)
- Solutions Provider



Who are the Learners today?

<https://www.coloneljill.com/millennial-dear-boss-need-know/>



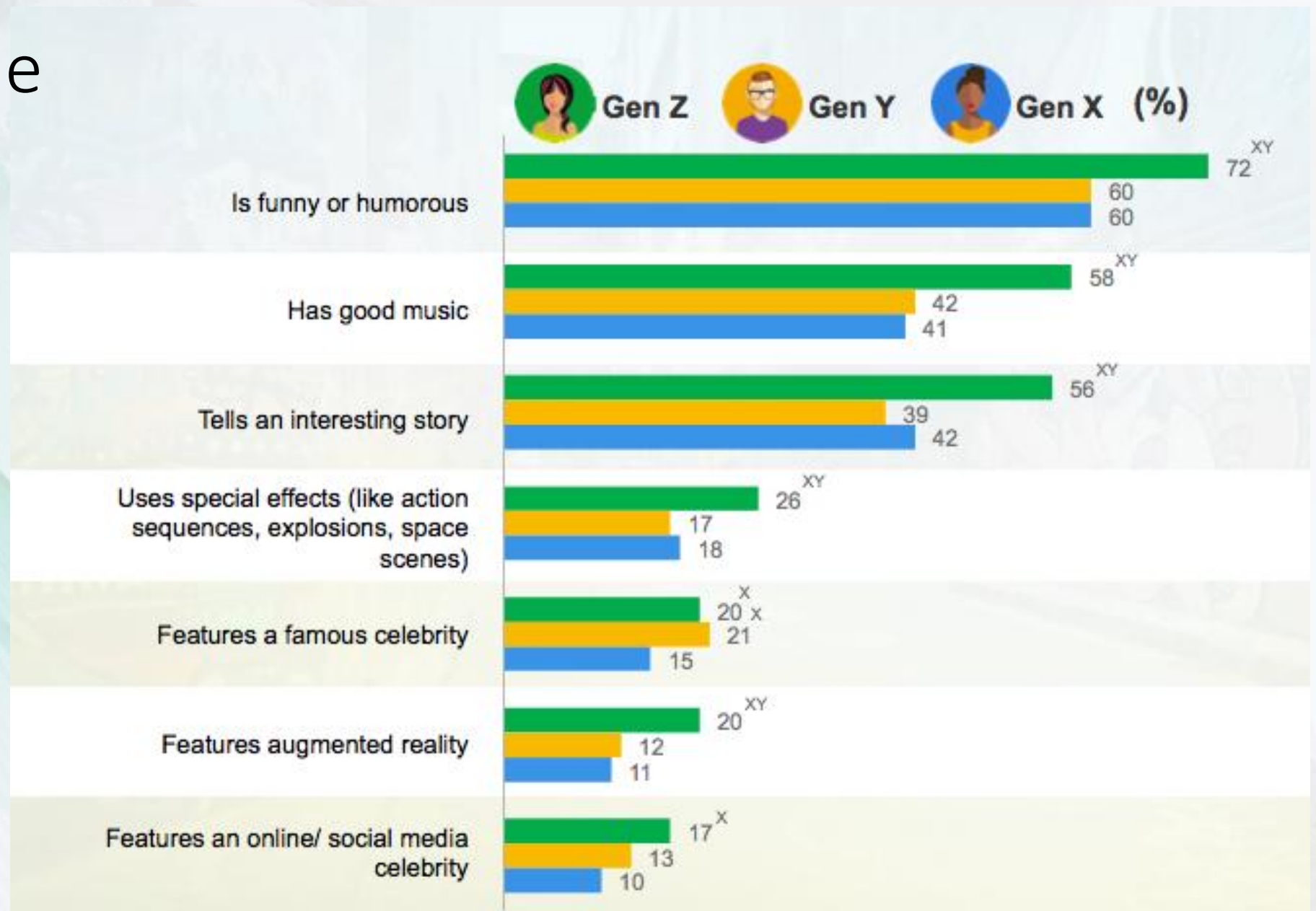
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Who are the
Learners today?

Who are the Learners today?



<http://www.relevateauto.com/marketing-to-gen-z-the-massive-generation-that-will-be-coming-to-age/>



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Generation Z (Ages 1-20) = Communicates with Images



Mary Meeker

Attributes – Millennials vs. Gen Z

Millennials

Tech Savvy: 2 screens at once

Communicate with text

Curators and Sharers

Now-focused

Optimists

Want to be discovered

vs

Gen Z

Tech Innate: 5 screens at once

Communicate with images

Creators and Collaborators

Future-focused

Realists

Want to work for success

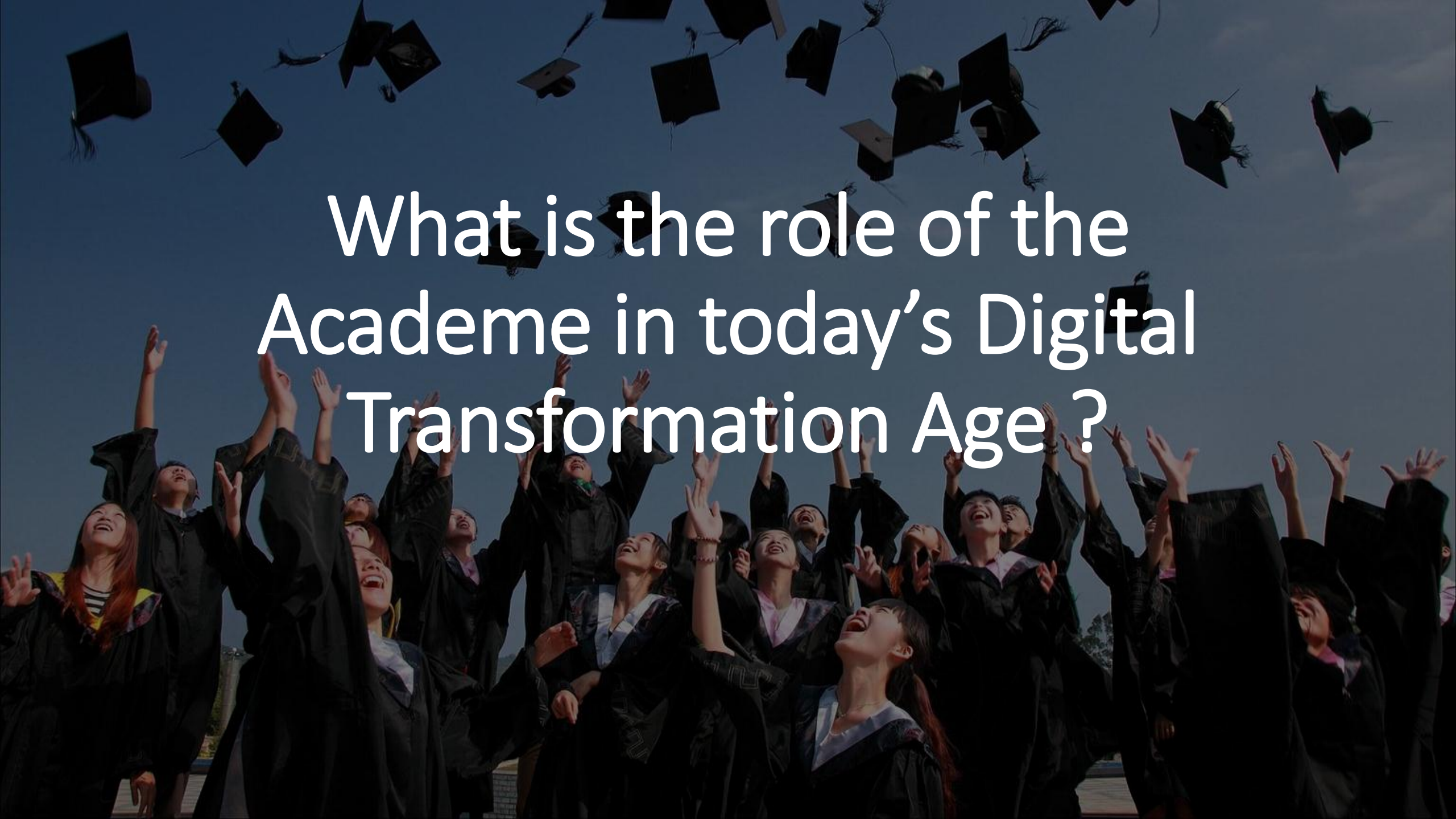
<https://www.kleinerperkins.com/perspectives/2016-internet-trends-report>

Millennials		Generation Z	
Don't just work for a paycheck, they want a purpose.	Money and job security are their top motivators. They want to make a difference but surviving and thriving are more important.	fix their want to develop	They were raised during the Great Recession and believe that there are winners and losers--and more people fall into the losing category. They want to have the tools to win, either through developing weaknesses or strengths.
They aren't pursuing job satisfaction, they are pursuing their own development.	They want to accumulate rewarding experiences. Gen Z tend towards being impatient and often experience FOMO (Fear Of Missing Out), so instant feedback and satisfaction are key.		
They don't want bosses, they want coaches.	They want to be mentored in an environment where they can advance quickly. They want to look their leader in the eye and experience honesty and transparency.		
They don't want annual reviews, they want ongoing conversations.	They don't want an annual work assessment, they want to be mentored and given feedback on an ongoing frequent (daily) basis.	orative mentality ches in and	They are competitive. 72% of Gen Z said they are competitive with doing the same job. They are independent and want to be judged on their own merits and showcase their individual talents.
It's not just their job, it's their life.			Salary and benefits and how they can advance are pivotal. They are a DIY generation and they feel that other generations have overcomplicated the workplace.

Millennials	Generation Z
Don't just work for a paycheck, they want a purpose.	Money and job security are their top motivators. They want to make a difference but surviving and thriving are more important.
They aren't pursuing job satisfaction, they are pursuing their own development.	They want to accumulate experiences. Gen Z is impatient and often has a Fear Of Missing Out (FOMO) and satisfaction at work.
They don't want bosses, they want coaches.	They want to be mentored where they can access to look their leaders for experience honest.
They don't want annual reviews, they want ongoing conversations.	They don't want a formal assessment, they want given feedback on a (daily) basis.

They don't want to fix their weaknesses, they want to develop their strengths.	They were raised during the Great Recession and believe that there are winners and losers--and more people fall into the losing category. They want to have the tools to win, either through developing weaknesses or strengths.
They have a collaborative mentality where everyone pitches in and works together.	They are competitive. 72% of Gen Z said they are competitive with doing the same job. They are independent and want to be judged on their own merits and showcase their individual talents.
It's not just their job, it's their life.	Salary and benefits and how they can advance are pivotal. They are a DIY generation and they feel that other generations have overcomplicated the workplace.


Millennials vs. Generation Z, research credit: SmartTribes Institute

A large group of graduates in black gowns are celebrating, with many throwing their caps into the air against a clear blue sky. The graduates are looking upwards with expressions of joy and excitement. The caps are scattered across the upper half of the frame, creating a sense of movement and festivity.


What is the role of the
Academe in today's Digital
Transformation Age?

Graduates need to regain superiority against machines

- Higher levels skills
- Goal driven
- Purposeful vision
- Ownership
- Disruptors

A hand holding a white card with red text, set against a circular background of a blurred office. The card contains the text: 40% of the jobs we know today will be gone by 2025.

40% of the
jobs we know
today will be
gone by 2025



4Cs- Communication, Collaboration, Critical Thinking and Creativity

- are the skills they will need,
and are often cited as 21st
century skills

Digital transformation:

Developing core capabilities across various business areas



3 Core Capabilities

To successfully navigate digital transformation and protect against digital disruption, all organizations need to develop three core capabilities (Professor Michael Wade)

01

Hyper-awareness

02

Informed decision-making

03

Fast execution

What is the role of the Academe in today's Digital Transformation Age?

<https://www.i-scoop.eu/digital-transformation/>



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Digital Transformation

- **Business activities/functions:** marketing, operations, human resources, administration, customer service, etc.
- **Business processes:** business process optimization is essential in digital transformation strategies some cases is a mix of customer-facing goals and internal goals.

Digital Transformation

- **Business models:** how businesses functions seek to make money and effectively to transforms its core business.
- **Business ecosystems:** the networks of partners and stakeholders

Digital Transformation

- **Business asset management:** Both customers and information needs to be treated as real assets in all perspectives.
- **Organizational culture** That's the essence of DevOps: In order to make IT and OT work together in businesses, change is required too

Digital Transformation

- **Ecosystem and partnership models**

Ecosystems will be key in the as-a-service-economy and in achieving digital transformation success.

- **Customer, worker and partner approaches**

People empower other people, technology is an additional enabler and part of the equation of choice and fundamental needs.

What is the role of the Academe in today's Digital Transformation Age ?

ACADEME

Globally Competitive (outcomes)

- Right Skills and Professional Programs (special electives)

- More immersive partnerships

- Industry Based Assessment

INDUSTRY

- Support in resources, education assistance, certifications

- Invite Industry Panelists
- Real-life Case Studies

- Badges
- Portfolio
- Industry Competitions (Microsoft Imagine Cup, code.org)



What is the role of the Academe in today's Digital Transformation Age ?

- Curriculum Development with Industry Linkages
- Immersive Internship Program
- Career and Placement
- Faculty Training \ Immersion



DIGITAL TRANSFORMATION - MYTHS VS REALITY

Source: Cap Gemini Consulting

MYTH

Digital is primarily about the customer experience

Digital primarily only matters to technology or B2C companies

Let a thousand flowers bloom; bottom-up activity is the right way to change

If we do enough digital initiatives, we will get there

Digital transformation will happen despite our IT

Digital transformation approach is different for every industry and company

In our industry we can wait and see how digital develops



REALITY

Huge opportunities exist also in **efficiency productivity and employee leverage**

Opportunities exist in **all industries** with no exceptions

Digital transformation must be **led from the top**

Transformation management intensity is more important for driving overall performance

Business/IT relationships are key, and in many companies they must be improved

Digital leaders exhibit a **common DNA**

There are digital leaders outperforming their peers in **every industry** today

What is the role of the Academe in today's Digital Transformation Age ?

ACADEME

- STEM vs STEAM
- INNOVATION & CREATIVITY
- Internet Access, Tech, Connectivity are crucial
- Faculty as IT trend empowered
- Learner-Centered Programs
- Globally Competitive
- Faculty acting as Facilitators, Project Managers, Know the Industry Operations

LEARNERS

- Creatives and Tech-Savvys
- Programming, AI, CAMSS App ideas (SOSTAC)
- DevOps (CS) vs SysOps (IT) vs Creatives (EMC)
- Digital Learning (homework, videos, self-paced learning)
- Culture-Sensitive; Flexible, Hands-On Exercises to DevOps/SysOps/Game
- Industry project approaches



Students often work in teams, tackling projects that deal with real local and global problems in health, the environment, business and more.



Teachers help students to ask tough questions and work through problems – but might not provide all of the answers.

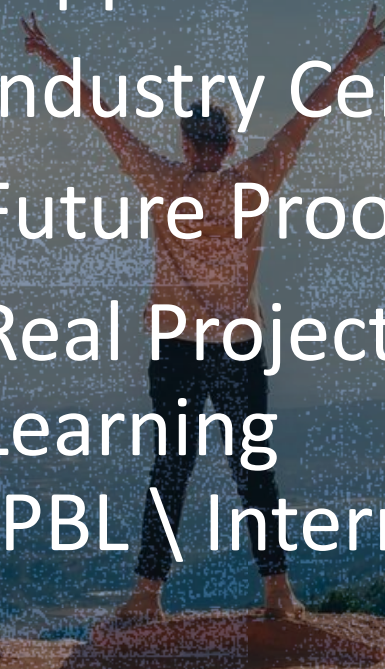


Students get to apply their knowledge and prove what they know by presenting to their classmates, school or even their community.



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Character

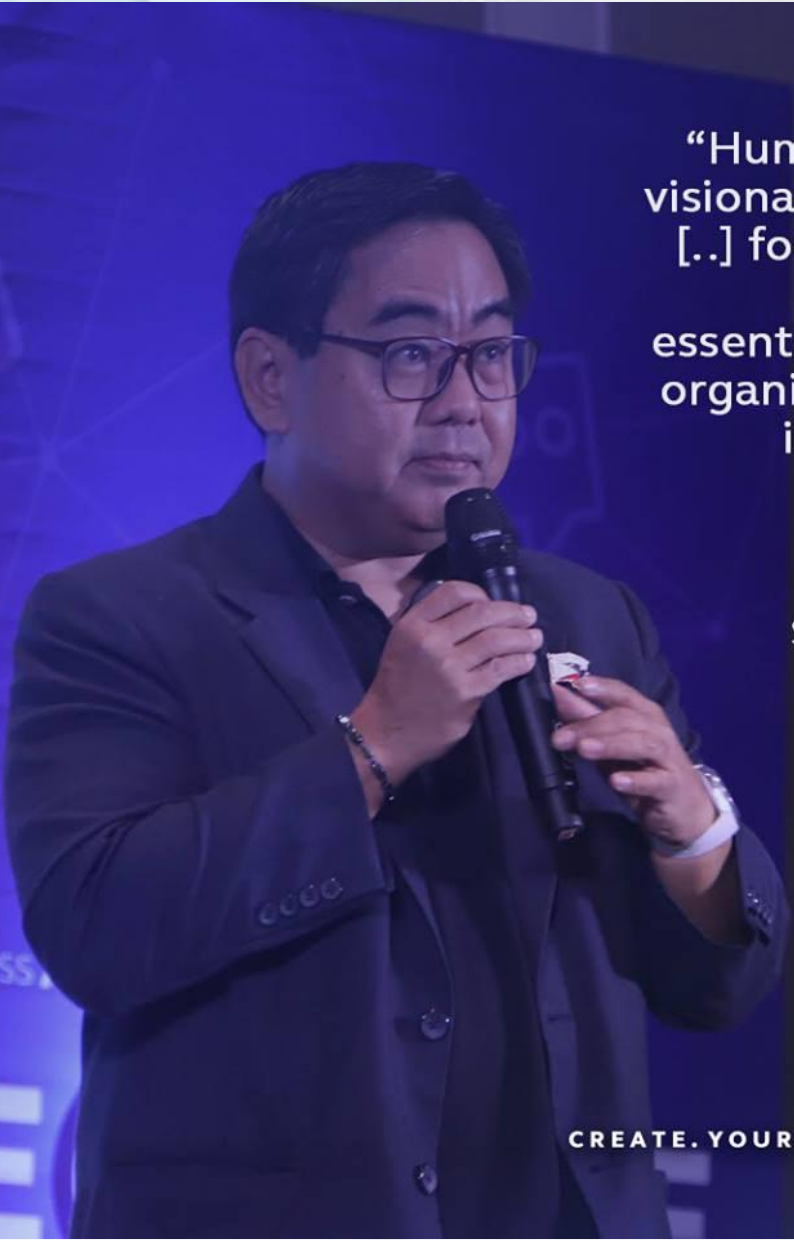
Attitude

Mindset

Flexibility

Adaptability


Agility



“Humility, adaptability,
visionary, and engaged—
[..] four traits that have
come out that are
essential for leaders and
organizations to survive
in this digital age.”

Jonathan de Luzuriaga
Chief Instigator,
Spring Valley Tech Corp

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myBusiness



“We have to produce the right
talents. That is why we expose
students and teachers to new
technologies and ways of
learning. We encourage them
to explore, do, and enjoy.”

Rhea Valbuena
Asia Pacific College

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GDAP



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Microsoft Experience Hub

**“If each year, you get through
to just one student, you will have
changed more lives than many
people do in their lifetime.”**

- Amanda G.C. Clark, *Facebook fan*



edutopia



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Thank You



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