Global Education Platforms

Global learning platforms will serve millions of people across the world in acquiring new knowledge and skills for professional and personal development. Some of these platforms will become open online universities, while others will be integrated into popular social networks and online gaming universes. Learning process will be dynamically adapted to student/personal needs, their learning style and abilities, and even their current mind and body condition. Students will be able to learn individually and in teams, obtaining access to world-class teachers and experts. Teachers & trainers, in their turn, will be able to prepare their audience with learners from many regions, ensuring that the limits set upon them by academic institutions.

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Teacher Reputation Models

Systematic ways that can guide professional & personal development

Big Data

Evidence-based practices that will adapt to learners’ needs and abilities

Biometrics Monitoring

(6-12-tracking attention levels, level of engagement, etc.)

MOOC Platforms

Learning, possibility and in teams

Blended Environments

Local schools & universities integrate global learning into their education process

Social Learning Platforms

Game Universes

Virtual worlds of educational experience into gaming process

Big Data

Opportunities for learning

Digital Competence Portfolio

Recording of skills & knowledge gained by learners, supervisors, and peers

Portfolio of Projects

Personal Learning & Career Trajectory

Tracking Achievements

Education Opportunity Fairs

Online fairs where learners can find people and people can find opportunities for learning

Personalized Education

Personalized learning trajectories will support individual learners from early childhood until their great age. These trajectories will integrate formal and informal education, career planning, and hobbies, leisure, entertainment, and community life. Personalized education will be guided by role models and knowledgeable mentors who will inspire people to gain new competencies, conduct new projects and create new art & craft objects. Personal trajectories will connect people with communities where they can learn, work, socialize, and entertain themselves – and learn in the process. Financial institutions will support personalized learning to open opportunities for new types of investment such as direct talent investment and educational insurance.

Specifics of Learning Environments

Urban environments across the world will grow into connected human-friendly communities, where learning, socializing, working and playing will become intertwined activities with support of mobile technologies, Internet of Things and domestic robotics. Local governance will help people learn and share with their neighborhood communities. People will be involved into ‘long games’ where daily routines will be combined with role-playing and educational tasks. They will exchange their skills ranging from cooking to yoga to time management, and will work together to make their cities better through various forms of do-it-yourself – community gardens, fab labs, toy / reuse-back-labs, and more. Urban learners will get support from ‘family universities’ where they will collectively learn how to care better about themselves, their children and relatives, and their peers.

Sustainable Living

Local politics and interactions within communities become the ground for knowledge creation in forms such as simulators and virtual labs, digital models of real objects, and other knowledge derived from huge archives of raw data. AIs will become indispensable collaborators with communities in accomplishing with the support of high-level artificial intelligence (AI). Moving into a knowledge-based economy will make nearly everyone a knowledge worker. Knowledge base will expand rapidly through co-financing of learning & career trajectories.

Healthcare & Preventive Medicine

A knowledge worker. Knowledge base will expand rapidly through co-financing of learning & career trajectories.

Learning Models

Competence profile of a successful professional in the sector / activity

Role Models

Entertainment & Leisure

Career & Professional Development

Research & Development

Virtual Labs

Digital Knowledge Depositories

Big Data Models

Big Science Equipment

Fundamental Cross-discipline Knowledge

Basic science textbooks and repositories created in real-time

Knowledge Creation Communities

Moving into a knowledge-based economy will make nearly everyone a knowledge worker. Knowledge base will expand rapidly through digitization, raising our preference for digitalized knowledge in forms such as simulations and virtual labs, digital models of real objects, and other knowledge derived from huge archives of raw data. We will need better knowledge organization that will be accomplished with the support of high-level artificial intelligence (AI). As we become indispensable collaborators with communities in fields of knowledge and organization knowledge as it is being created – and immediately transferring it into ‘live’ textbooks and learning materials. Due to rise of many new forms of knowledge creation, standards for intellectual property and many other values change. It will be necessary to use of many new forms of knowledge creation, standards for intellectual property rights will be significantly challenged and ultimately redefined.