Velimir Srića

Inclusion in higher education in the digital era: way forward

Digital education issues and challenges
The VUCA - 4D Era

The „New Normal“:

- Volatility
- Uncertainty
- Complexity
- Ambiguity
- Disruption
- Digitalization
- Distancing
- Depression
You can live a perfectly normal life if you accept the fact that your life will never be perfectly normal.
# Digital Rules the World

## Actual Stock-Market Value

<table>
<thead>
<tr>
<th>Rank</th>
<th>Company</th>
<th>Market Cap</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Apple Inc.</td>
<td>$2,335,415</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>2</td>
<td>Microsoft Corporation</td>
<td>$2,081,815</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>3</td>
<td>Saudi Arabian Oil Co</td>
<td>$1,866,106</td>
<td>SAUDI ARABIA</td>
</tr>
<tr>
<td>4</td>
<td>Amazon.com, Inc.</td>
<td>$1,081,151</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>5</td>
<td>Alphabet Inc</td>
<td>$1,007,703</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>6</td>
<td>Facebook Incorporation</td>
<td>$700,998</td>
<td>CHINA</td>
</tr>
<tr>
<td>7</td>
<td>Tencent Holdings Limited</td>
<td>$583,781</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>8</td>
<td>Tesla Inc</td>
<td>$40,775</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>9</td>
<td>Berkshire Hathaway Inc.</td>
<td>$392,209</td>
<td>CHINA</td>
</tr>
<tr>
<td>10</td>
<td>Alibaba Group Holding Ltd</td>
<td>$345,387</td>
<td>TAIWAN</td>
</tr>
<tr>
<td>11</td>
<td>Taiwan Semiconductor Manufacturing Company Limited</td>
<td>$345,387</td>
<td>TAIWAN</td>
</tr>
</tbody>
</table>
The Magnificent Five

Amazon, Apple, Facebook, Google & Microsoft

25% of Total Market Capitalization
Digital Rules the World

• It took 42 years for Apple to reach 1 trillion US$ and then only 8 weeks to double
• Zoom = Top 7 world airlines
• Of the 2.8 billion active users on Facebook, 10% profiles are fake (Facebook estimate is 5%)
The NextGen spend 4:23 daily on smartphones

According to Pew Research, 57% teenagers met a friend online – only 20% decided to meet him/her personally.
Google and YouTube are all education I really need!

I have 50 applications on my smartphone. School is interfering with my education!
How is it that children are so intelligent and men so stupid? It must be education that does it (Alexandre Dumas)

“How can I trust your information when you’re using such outdated technology?”
Education is a system of imposed ignorance (*Noam Chomsky*)
It is a miracle that curiosity survives formal education (*Albert Einstein*)

“Kindly fill out this application for the reduction of bureaucracy.”
Education consists mainly of what we have unlearned (Mark Twain)

“Once I learn how to use Google, isn’t that all the education I really need?”
An inventor is a fellow who doesn't take his education too seriously *(Charles Kettering)*
I've never let my school interfere with my education (Mark Twain)

Our Education System
In 10 years, 50% of USA colleges will be bankrupt

„Digital” programs
MasterClass - Hollywood style

International students bring $40 billion to US economy
Inequality Will Grow

Rich kids are educated 2X better than the poor, 5X more often they attend ivy-league schools

Ivy league schools – more kids from Top 1% income families than from Bottom 60%
Excellent knowledge is „free”

- Coursera (free) online courses
- edX (free) online courses
- Udacity (free) online courses

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<table>
<thead>
<tr>
<th>Attributes of major MOOC providers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonprofit</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>edX</td>
</tr>
<tr>
<td>Coursera</td>
</tr>
<tr>
<td>Udacity</td>
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<tr>
<td>Udemy</td>
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<tr>
<td>P2PU</td>
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</tbody>
</table>
Hitech & Education

MIT/Google enroll 100,000 students per year at $25,000. Rivals to Bocconi/Apple, Carnegie Mellon/Amazon, UCLA/Netflix, and University of Washington/Microsoft.
Crisis Means Opportunity

Mindset Change
Mindset is the Key

• **World Bank Study**: Mindset-related training vs. traditional knowledge&skills approach (African Case)

• Profit growth 30% compared to 11% with traditional approach (*accounting, sales, marketing, human resources...*)

• Entrepreneurial mindset and behavior (innovative projects, trend analysis, opportunity search, leadership, teamwork, conflict management...)**
Adaptation is Critical!

New Mindset
Harmony
Digitalization
Creativity
Adaptability
Agility

“IT’S NOT THE STRONGEST OF THE SPECIES THAT SURVIVE, NOR THE MOST INTELLIGENT, BUT THOSE MOST ADAPTIVE TO CHANGE.”
CHARLES DARWIN

LEARN  UNLEARN  RELEARN
5H Culture

Head

Hand

HARMONY

Hope

Heart

In Search of Harmony in a Disharmonious World
Leadership Manual for Change Agents and Dreamers
Velimir Štirča

Empower Us!
From Crisis to Strategic Harmony
Ira Kaufman
Velimir Štirča
10 Skills to Build Mindset

Art of Humanness
- Design Mindset
- Sensemaking
- Social Intelligence
- Novel + Adaptive Thinking

Navigating the New World
- Transdisciplinarity
- New Media Literacy
- Cross Cultural Competence
- Virtual Collaboration

Working With Bots
- Computational Thinking
- Cognitive Load Management
Talent Shifts in the Future

**OUR MENTAL MODELS ARE HERE**

**Industrial Era**
- Timespan: 100s
- Talent: Efficiency + Optimization
- Tools: Labor Replacement

**Information Era**
- Timespan: 10s
- Talent: Acquired Knowledge + Skill
- Tools: Cognitive Reduction

**Augmented Era**
- Creativity, Agility + Adaptability
- Cognitive Augmentation

**TIME: WE ARE HERE**
Yesterday I was smart, I wanted to change the world, today I am wise, I am changing myself!

- Web page
- LinkedIn blog

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