Parenting and AI

DQ Seminar
Ethically Aligned Design for Parents in the Algorithmic Age

New York, USA 20 February 2020

WORLD
ECONOMIC
FORUM

COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

Overview
Mechanical and artificial intelligences have been depicted by humanity dating back to the ancient Greeks and continues to this day. Today, with the advances in machine learning and A/IS, we will have the ability to augment our own capabilities in ways we can hardly imagine right now.

With these advances, there are also vast evolutionary changes that come with them and we must be thinking ahead now to understand how humanity will be affected. More specifically, we need to be thinking of how children today and their children will be affected to best plan for the near and distant future.

Alignment on principles is an important first step to establishing industry standards for ethical A/IS (autonomous and intelligent systems) but our responsibility moves beyond shared understanding. We need to demonstrate our principles and accountability to those we serve. It is our responsibility to do this as parents, caregivers, and people who are older than those who come after us. It is irresponsible to avoid this challenge and to remain loving and sustainably focused to embrace it.

PRESENT PAiRENT – Fostering Kindness in the Algorithmic Age
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Technology is only meaningful when it enhances humanness. In the age of AI and hyper-connectivity, Digital Intelligence (DQ) is a comprehensive set of technical, cognitive, social and emotional digital competencies that are grounded in ethics and human values.

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Yuhyun Park, Founder, DQ Institute

It is a given that AI and technology can help expedite various activities and provide help to exhausted parents. But where suicide rates and isolation continue to grow in the US and abroad it is more critical than ever to emphasize culture, kindness, empathy and compassion for ourselves and those we care for to avoid distracting us from the opportunity to love and live as deeply as possible.

This seminar hosted by DQ institute, IEEE Standards Association, IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems (A/IS) Ethically Aligned Design (EAD) for Parents Committee and Goleman EI, in association with the World Economic Forum will be led by digital and emotional intelligence experts. The conversation will consider more holistic, integrated and responsible uses of technology at the intersection of parenting and education in the AI world.

Location
World Economic Forum
350 Madison Avenue
New York, NY 10017

Time and Date
Thursday 20 December from 08.30 to 13.00

About DQ Institute
DQ Institute (DQI) is an international think-tank dedicated to setting global standards for digital intelligence education, outreach and policies. Working with international agencies and local partners, DQI builds multi-stakeholder coalitions that advance its mission and help people worldwide.

About Goleman EI
Goleman EI, an emotional intelligence (EI) coaching and training organization, offers a suite of one-to-one coaching, online courses and certification programmes built on decades of research. Grounded in its mission to democratize emotional intelligence, the initiative is co-developed by the authority on emotional intelligence, Daniel Goleman, and designed by a team of EI experts led by Michele Nevarez, Chief Executive Officer, Goleman EI to translate the concepts of EI into a practical format that is accessible to all.

About IEEE Standards Association
The IEEE Standards Association, a globally recognized standards-setting body within IEEE, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of more than 1,300 active standards and over 650 standards under development.

Meeting agenda and structure
08.30 - 09.00: Networking Breakfast

09.00 - 09.10: Opening Remarks
– **Joan Ai**, Project Fellow, Shaping the Future of Media, Entertainment and Culture, Seconded by DQ Institute and Co-Chair, IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems (A/IS) Ethically Aligned Design (EAD) for Parenting Committee
– **Yu Yuan**, Chair, IEEE Consumer Technology Society Standards Committee, Chair, IEEE VR/AR Standards Committee and Co-Chair, IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems (A/IS) Ethically Aligned Design (EAD) for Parenting Committee

09.10 - 09.30 Keynote Address: The Right to Parent
Based on his Quartz article, "Will We Lose Our Rights as Parents Once Robots Are Better at Raising Our Kids?", John C. Havens will explore the nature of what it means when, as humans, we delegate various tasks to AI that we cannot fully control in the minds of who those machines and systems touch, including children.

Who is to say that children won't prefer Alexa, Jibo, or Pepper over their parents, when these systems are designed to not only analyse their emotions, but connect with the Cloud to see what their friends are saying they prefer?

Furthermore, the media often portrays AI inventions as "beating" humans at certain tasks (e.g. chess, Go, aspects of the legal, medical imaging, truck driving, and call centre industries) so why assume that parenting skills are above this mentality?

The technology is not the issue here. It's what we as a society want to choose as a definition for genuine societal "progress" and what we want for our families moving forward.

If people can be at the center of their data and use algorithmic-level terms and conditions for themselves, and if disclosure and certified accountability are being used for devices and systems, we can approach the future as parents and caregivers choosing the AI solutions that best honour families and their values.

We may, however, also soon face a time where prioritizing human rights and agency must come before prioritizing productivity and profits over purpose and parenting.

– **John C. Havens**, Executive Director, The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems

9.30 - 11.30 The Ethical Imperative in the Age of AI: Building Emotional Intelligence for Agency and Empathy
The IEEE Ethically Aligned Design for Parents Committee is creating a series of guides on Demystifying AI in the Algorithmic Age for Parents and Caregivers. The committee's first paper currently in development outlines three elements that call for the cultivation of Emotional Intelligence in youth. These are:

- Formation of identities and values without constant digital interference
- Cultivation of capacities for creativity, empathy and ethics
- Development of personal agency at school and in life

Parents, adult family members and educators have a responsibility to help children navigate the ever-increasing complexity of human relationships and issues of privacy in an algorithmic age. This two hour workshop conducted by Goleman EI will be set in the context of the three elements and seeks to help parents and educators recognize their own agency and how to cultivate empathy through listening and connection.

Goleman EI Facilitators
– **Belinda Chiu, Ed.D.**, Head of Educational Innovation
– **Michelle Maldonado**, Strategic Advisor

11.30 - 11.45 Community Break

11.45 - 12.30 Social Emotional Learning (SEL) in Action
"Social and emotional learning (SEL) is the process through which children and adults understand and manage emotions, set and achieve positive goals, feel and show empathy for others, establish and maintain positive relationships, and make responsible decisions." – CASEL

Growing up can be tough. As young people's bodies and brains are developing and changing rapidly, they're also grappling with new ideas and influences that will shape who they become.

In developed countries today's youth might have it worse than past generations, some of which can be attributed to the breakneck speed of evolving technology. First there are the awkward stages – acne, braces, first crushes – all of which are amplified on social media platforms and digital devices – all vying for our children's attention 24/7. Research shows these issues are taking a toll on children and their caregivers. A 2018 Pew Research Center survey of teenagers aged 13 to 17 found that 7 in 10 teens think anxiety and depression are major problems for their peers. The same survey found that 6 in 10 youth feel pressure to get good grades while nearly 3 in 10 feel pressure to create a 'filtered' effected look to fit in socially.

In developing countries and for the 50% of the world that will be coming online, the challenges and struggles youth face can be even more daunting. What type of role can social and emotional learning play in the societies where basic necessities are considered a luxury due to high levels of poverty, access to modern technology, human resource weaknesses and economic vulnerability?

This roundtable of experts will explore SEL in action for parents, educators, organizations and companies to develop competencies that underscore our ability to be available to learn and available to teach – in all aspects of life's stages at the global, national and local levels. What are the steps to success when these complexities are compounded by an AI driven ecosystem or for those parts of the world that society has left behind in our global race to "tech-up" and innovate? The more we understand ourselves and our own human nature, the better we will be able to guide the creation of A/IS to support the ways we can be the best version of ourselves and for our children.

– **Ash Kaluarachchi**, Cofounder, StartEd and Producer, EDTECH WEEK
– **Sara Potler LaHayne**, Founder & CEO, Move This World
– **Fernando Restoy**, Program Coordinator, Goleman EI

Moderated by:
– **Ursula Wynhoven**, ITU Representative to the United Nations, New York

12.30 - 13.00: Closing Inquiry: What is Really Going on Here?

– **Barnaby Spring**, Director : Student Services : Mindfulness & Yoga in Education, Office of the First Deputy Chancellor, New York City, Department of Education

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Invitation
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Workshop
The Ethical Imperative in the Age of AI: Building Emotional Intelligence for Agency and Empathy

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Breakfast will be provided.

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