صورة تحتوي على نص

تم إنشاء الوصف تلقائياً

Mohammed Khaled Qatamish

Abdulrahman Emad Almyman

Nasser Hathal Haqsha

Omar Abdulraheem AlTammami

8th Group

**Artificial Intelligence**

Date 1/26/2023 |4/7/1444 H

**Objectives**

* To define the AI
* To present the uses of AI int the professional and scientific aspects
* To show the importance of the AI in our life
* To show the history of the AI and its developments

**Artificial Intelligence**

Mohammed Qatamish, Abdulrahman Emad Almyman, Nasser Hathal Haqsha, Fahad Althumairy,

Department of Computer Science, College of Computer & Information Sciences, King Saud University, P.O.Box 51178, Riyadh 11543, Kingdom of Saudi Arabia, Tel:4966-11-699516, Fax: 4698780.

**Correspondence:**

[441105624@student.ksu.edu.sa](mailto:438103693@student.ksu.edu.sa); [441170135@student.ksu.edu.sa](mailto:441170135@student.ksu.edu.sa); 441101504@student.ksu.edu.sa

[442102460@student.ksu.edu.sa](mailto:442102460@student.ksu.edu.sa)

Abstract:

In spite of that, the Internet is a fantastic place that has a lot to offer for children. They can play games, learn new things and connect with old friends, but there are risks inherent with using the Internet; it may be a necessity for children to educate and provide protection for them. The question is how do we protect them? from harmful contents, advertisements, cyber predators, cyber-bullying or becoming digital native, there are many reasons why a parent would want their child to get online and enjoy these benefits. However, there are also numerous risks involved with using an Internet connection. Because of this, it's important for parents to provide protection to their children when it comes to their mental health, and children will be safe to use the internet when they are protected. We demonstrated a case involving a child named James and how his parents dealt with the situation.

Keywords: children; harmful contents; harmful advertisements; cyber predators; cyber-bullying.

Introduction:

Artificial Intelligence in the current days is one of the integral parts of our lives. Machine learning algorithms can now recognize objects and speech and have mastered games like chess and Go, even surpassing human performance (i.e., DeepMind’s AlphaGo Zero). AI systems promise an even more significant change to come improving medical diagnoses, finding new cures for diseases, making scientific discoveries, predicting financial markets and geopolitical trends, and identifying useful patterns in many other kinds of data. We can define AI as a broad field of study, and definitions of the field vary by discipline. For computer scientists, artificial intelligence refers to the development of programs that exhibit intelligent behavior, and we can define it as the design, implementation, and use of programs, machines, and systems that exhibit human intelligence. The research fields of AI include systems and engineering, brain science, psychology, cognitive science, mathematics, computer science, and many other fields. The application fields of AI are extensive, covering (but not limited to) speech recognition, image processing, natural language processing, smart robots, autonomous vehicles energy systems, healthcare, Fintech, etc. In limited areas, AI has surpassed humans. The phenomenon of ever-increasing AI-beyond-humans has triggered a new wave of discussion on how AI may change human society. Nevertheless, it is not always the case from a long-term historical and forward-looking perspective. Therefore, at these critical times of rapid development of AI technologies, it is believed to be the time to discuss the past, the present, and the future of both AI tools and AI systems.

**Background:**

**James's parents were asked why providing protection is so important for children?**

Cyberbullying and Cyber Predators are types of online harassment that involves intentionally inflicting harm on another person through various means, such as social media, gaming apps, and electronic devices. It usually targets individuals, appearance, or political views.

Studies have shown that those who are victims of cyberbullying suffer various consequences, such as depression and anxiety. It can also affect their academic performance. Cyberbullying is a major stressor for young people and children, as it makes them feel like they are being watched and abused, cyberbullying can lead to self-harm and even suicidal thoughts.

They not only blame themselves for the harassment and abuse they encounter, but they are also left feeling extremely stressed. In fact, one study found that nearly 35% of those targeted by cyberbullies reported symptoms of stress[7].

And the Authors will show the way to prevent Cyber-Bully, and when it comes to protecting a child from Cyber-Predators, and the parents also said that it is very similar to protecting them from cyber-Bully.

**How to Prevent Cyberbullying?**

James's parent said in a conference: while there are no easy ways to keep your child from being bullied online, there are steps you can take to decrease their chances, such as:

* Teaching Them to Think Before Posting

Your teens and tweens should also start taking some time before they post on social media. For instance, if they create a post, they can then come back later and decide if they want to keep it. Doing so will help them avoid posting inappropriate content.

* USING PRIVACY TOOLS AND SETTINGS

Even if your teen uses a different social media platform, for example Twitter, SnapChat, and TikTok, make sure they are aware of their privacy settings. There are a variety of tools and platforms that allow users to manage their privacy. Your child should be able to set their own privacy settings on their various social media accounts. This will prevent people from sharing their private information, and it will also prevent unauthorized users from tagging them.

The video below shows how cyber predators entice their victims: (<https://youtu.be/0n1FaKZBNLU>).

**How to Prevent Harmful Advertisements ?**

In the conference James's parents showed how they protect their child and they enumerated the means as follows:

* Raising Awareness

Parents can help to minimize the negative impact of advertising on children. It is up to them to keep their children's minds from being influenced. Advertisements are no longer limited to television; they now pervade the Internet, online games, and even school books and supplies. As a result, parents must exercise extreme caution and limit their children's exposure to advertising.

* Schedule Their Day

The first and most important step is to limit their television viewing time. Keep a limit on their screen time and do not allow it to exceed the time limit at any cost.

* To Integrate Well into Their Society

Encourage them to spend an hour or two each day playing with friends. This will help keep their attention away from the Internet and advertisements.

* **Conclusion:**

Since the Internet has become widespread, it is important for parents to assure children’s safety from cyberbullies, but it is essential for everyday lives, making it difficult for families and important to issue laws incriminating cyberbullying and spam advertising, harmful advertisements and raising awareness about these crimes.

The children are considered as the future for both generation and family and in the web there's a lot of hazards or harmful content that might from individuals , it's extremely useful and necessary for parents and society to provide protection for their children because is this considered as their duty, it also important factions that governments, not-for profits and community organizations could take to create awareness to be strict and implement rules that punish those who break the law regarding internet safety and provide ways to prevent these children from getting harmed in anyways mentally or physically.

**Acknowledgment:**

The authors are grateful and would like to express their appreciation and thank their teacher and advisor Professor Dr. AbdelMonim Artoli, you have been a tremendous mentor for us. we would like to thank you for encouraging us.

**Author Contributions:**

The authors contributed to the paper from introduction to the final version of the manuscript step by step all together Faris Abdulaziz Aldubaisi, Abdulaziz Mohammad Altowaim. Abdulaziz Majed Alshaalan, Fahad Othman Althumairy and Azzam Mohsen Alawajy.

**Declaration of Interests:**

The authors showed a great interest in the sensitive case children and the web and declared that the children case that used in the research was fake in order to maintain privacy.

**References:**

|  |  |
| --- | --- |
| [1] | L1ght, "Rising levels of hate speech & online toxicity during this time of crisis". |
| [2] | M. (. A. P. Association), " Protecting children from advertising," 2004. |
| [3] | R. &. S. P. K. Slonje, "Cyberbullying: Another main type of bullying?," 2008. |
| [4] | Rigby, "What children tell us about bullying in schools," *Cambridge University Press,* pp. 28-34, 1997. |
| [5] | S. &. Sharp, "School Bullying: Insights and Perspectives," *Routledge,* p. 288, 2002. |
| [6] | Unicef, "unicef.org/protection/violence-against-children-online," *Unicef,* 21 Jan 2022. |
| [7] | N. CL, "Current perspectives: the impact of cyberbullying on adolescent health," *Adolesc Health Med Ther,* p. 158, 2014. |
| [8] | . M. ANDERSON, "A majority of teens have experienced some form of cyberbullying online," *pewresearch,* 2018. |

|  |
| --- |
|  |