BUXORO DAVLAT UNIVERSITETI
1930

“ZAMONAVIY PSIXOLOGIK TADQIQOTLAR INTEGRATSIYASI”

MAVZUSIDAGI RESPUBLIKA ILMIY-AMALIY ANJUMAN

Buxoro – 2023

O’ZBEKISTON RESPUBLIKASI OLIY TA’LIM, FAN VA INNOVATSIYALAR VAZIRLIGI

BUXORO DAVLAT UNIVERSITETI

PSIXOLOGIYA VA SOTSIOLOGIYA KAFEDRASI

ZAMONAVIY PSIXOLOGIK TADQIQOTLAR INTEGRATSIYASI

MAVZUSIDAGI RESPUBLIKA ILMIY-AMALIY ANJUMAN TO’PLAMI

2023-yil 24-25 noyabr

Buxoro – 2023

THE ROLE OF ARTIFICIAL INTELLIGENCE IN THE STUDY OF SOCIO-PSYCHOLOGICAL CHARACTERISTICS OF MODERN YOUTH

Hamroyev Jasurbek Umedovich
Buxoro davlat universiteti, psixologiya mutaxasisligi magistranti
Ostanov Shuxrat Sharifovich
Ilmiy rahbar: Psixologiya fanlari bo'yicha falsafa doktori (PhD), dotsent

Annotatsiya. *Ushbu maqolada sun'iy intellektning zamonaviy yoshlar ijtimoiy va psixologik xususiyatlarini o'rganadi. Raqamli asrda o'smirlar rivojlanishini tushunish va shakllantirishda AI texnologiyasining mumkin bo'lgan afzalliklari va muammolarini o'rganadi. Maqolada aqliy salomatlikning ijobiy natijalarini qo'llab-quvvatlash va texnologiyaga asoslangan dunyoda yoshlarning xatti-harakatlaridagi noyob muammolarni hal qilish uchun AI texnologiyasidan foydalanish bo'yicha amaliy tushunchalar va strategiyalar taklif etiladi. Shuningdek, u raqamli davrda yoshlar farovonligini oshirish uchun sun'iy intellektga asoslangan aralashuvlar va strategiyalarni muhokama qiladi.*

Kalit so'zlar: *kuch, nazorat, o'smir idroki, xulq-atvor, motiv, intellekt, rivojlanish, ruhiy salomatlik, texnologiya, sotsial.*

Аннотация. *.В данной статье исследуются социальные и психологические особенности искусственного интеллекта современной молодежи. Исследует потенциальные преимущества и проблемы технологии искусственного интеллекта в понимании и формировании развития подростков в эпоху цифровых технологий. В статье предлагаются практические идеи и стратегии использования технологий искусственного интеллекта для поддержки положительных результатов в области психического здоровья и решения уникальных проблем поведения молодежи в мире, управляемом технологиями. В нем также обсуждаются меры и стратегии на основе искусственного интеллекта, направленные на повышение благополучия молодежи в эпоху цифровых технологий.*

Ключевые слова: *власть, контроль, познание подростков, поведение, мотивация, интеллект, технология, психическое здоровье, технология, социальное.*

Abstract. *This article explores the intersection of artificial intelligence and the study of social and psychological characteristics of modern youth. It delves into the potential benefits and challenges of AI technology in understanding and shaping adolescent development in the digital age. The article offers practical insights and strategies for leveraging AI technology to support positive mental health outcomes and address the unique challenges of youth behavior in a technology-driven world. It also discusses AI-driven interventions and strategies for promoting the well-being of young people in the digital era. .*

Key words: *power, control, adolescent perception, behavior, motive, intellect, development, mental health, technology, social.*

Artificial intelligence (AI) has revolutionized the study of modern youth psychology by providing researchers with powerful tools to understand and address the unique psychological challenges facing today's youth. Through AI technologies such as natural language processing and machine learning, researchers can analyze large volumes of data from social media, online forums, and other digital platforms to gain insights into the thoughts, emotions, and behaviors of young people.

In addition to data analysis, AI-powered chatbots and virtual assistants have been developed to provide mental health support and interventions for youth experiencing psychological distress. These AI-driven tools offer a new avenue for young people to access support and guidance in a convenient and non-judgmental manner.

However, the use of AI in youth psychology research and practice also raises important ethical considerations. It is crucial for psychologists and AI experts to collaborate in order to ensure the responsible and effective use of these technologies in supporting the mental well-being of young people.

The role of artificial intelligence in the study of modern youth psychology holds great potential for advancing our understanding of youth mental health and providing innovative approaches to support their well-being. Continued collaboration and ethical oversight are essential to harnessing the full benefits of AI in this field.

In an era dominated by technology, the study of social and psychological characteristics of modern youth has evolved, thanks to the integration of artificial intelligence (AI). This article delves into the multifaceted role AI plays in understanding, analyzing, and addressing the complexities of the youth demographic.

1) Data Analysis and Pattern Recognition: AI algorithms excel at processing vast amounts of data, enabling researchers to uncover patterns and trends in the behavior of modern youth. From social media interactions to online activities, AI aids in identifying behavioral nuances that contribute to a deeper understanding of their social and psychological profiles.

2) Sentiment Analysis: With the ability to analyze language patterns, AI facilitates sentiment analysis on a large scale. Researchers can gauge the emotional tone of youth communication, providing valuable insights into prevalent sentiments, concerns, and issues. This information proves invaluable for designing targeted interventions and support systems.

3) Personalized Learning and Mental Health Support: AI-driven educational platforms adapt to individual learning styles, tailoring educational content to meet the unique needs of each student. Additionally, AI applications in mental health offer personalized support by identifying potential mental health concerns based on online activities, enabling early intervention and support.

4) Social Network Analysis: AI algorithms analyze social networks to map connections, influence, and information flow among modern youth. This assists researchers in understanding the dynamics of peer relationships, the impact of social media, and the formation of cultural trends within youth communities.

5) Predictive Modeling for Risk Behaviors: By leveraging predictive modeling, AI helps anticipate and identify risk behaviors among modern youth. Whether it's predicting substance abuse, academic challenges, or mental health issues, AI contributes to proactive interventions and targeted preventive measures.

6) Ethical Considerations and Bias Mitigation: As AI becomes more ingrained in social and psychological studies, addressing ethical concerns and mitigating biases is paramount. Researchers must be vigilant in ensuring that AI applications are designed and utilized responsibly to avoid reinforcing stereotypes or perpetuating social inequalities.

In the practice of psychology, artificial intelligence (AI) chatbots can make therapy more accessible and affordable. AI tools can also improve interventions, automate administrative tasks, and help train new clinicians. On the research side, synthetic intelligence is offering new ways to understand human intelligence, while machine learning is enabling researchers to draw insights from large amounts of data. Currently, teachers are exploring ways to use ChatGPT in the classroom. There are some scholarships perceptions are given:

“A lot of people get resistant, but this is something we can’t control. It’s happening whether we want it to or not,” said Jessica Jackson, PhD, a licensed psychologist and equitable technology advocate based in Texas. “If we’re thoughtful and strategic about how we integrate AI, we can have a real impact on lives around the world.”

“A lot of what’s driving progress is the capacities these systems have—and that’s outstripping how well we understand how they work,” said Tom Griffiths, PhD, a professor of psychology and computer science who directs the Computational Cognitive Science Lab at

Princeton University. “What makes sense now is to make a big parallel investment in understanding these systems,” something psychologists are well positioned to help do.

“One of the unique things psychologists have done throughout our history is to uncover the harm that can come about by things that appear equal or fair,” said Adam Miner, PsyD, a clinical assistant professor of psychiatry and behavioral sciences at Stanford University, citing the amicus brief filed by Kenneth Clark, PhD, and Mamie Phipps Clark, PhD, in Brown v. Board of Education.

Sethumadhavan said psychologists can help companies understand the values, motivations, expectations, and fears of diverse groups that might be impacted by new technologies. They can also help recruit participants with rigor based on factors such as gender, ancestry, age, personality, years of work experience, privacy views, neurodiversity, and more.

Psychologists are accepting, changing how humans and machine interactions are carefully designed to increase how people perceive artificial intelligence and how such perceptions affect society. A study by psychologist Yochanan Bigman, an associate professor at the Hebrew University of Jerusalem, shows that human-caused gender biases harm the moral algorithm . research participants felt their companies had little legal recourse for algorithmic discrimination.

At this point, these studies are important not only for the life of society as a whole, but also for the growing youth. It should be noted that it is necessary to take into account several effects of artificial intelligence in the mental development of adolescents.

Positive Impact on Social Skills: Some psychologists argue that AI can enhance adolescent social skills by providing opportunities for interaction, communication, and collaboration. Chatbots and virtual assistants, for example, can help build conversational skills and encourage empathy.

Risk of Social Isolation: There is concern that increased use of AI technologies, such as social media algorithms and virtual reality, may lead to social isolation among adolescents. Psychologists worry that substituting real-life connections with AI interactions could hinder the development of meaningful relationships and impede social skills.

Emotional Well-being Challenges: Adolescents may be more susceptible to negative effects on mental health due to AI interactions. Exposure to AI-driven content, such as social media and entertainment recommendations, can lead to issues like body dissatisfaction, depression, and anxiety. Psychologists emphasize the need for healthy AI engagement to protect emotional well-being.

Ethical Considerations: Psychologists may also discuss the ethical implications of AI technologies. Adolescents can be vulnerable to AI manipulations and targeted marketing, potentially influencing their behavior, beliefs, and self-esteem. It is important to ensure responsible AI deployment to protect adolescent psychological well-being.

Impact on Cognitive Development: Some psychologists theorize that heavy reliance on AI systems for tasks like problem-solving and critical thinking may hinder the development of these skills among adolescents. Over-reliance on AI-based answers and reduced effort in finding solutions independently could impact cognitive growth.

Privacy Concerns: Psychologists may highlight concerns about AI systems collecting vast amounts of personal data from adolescents, potentially invading their privacy. This gathering of personal information may lead to issues like data breaches, sophisticated marketing techniques, and psychological profiling, requiring psychologists to address privacy concerns.

It is worth noting that these opinions represent different perspectives within the psychological community. The impact of AI on adolescent behavior is an ongoing area of research and discussion, and psychologists continue to explore its multifaceted implications.

Conclusion:

Artificial intelligence has become an indispensable tool in the study of social and psychological characteristics of modern youth. Its ability to analyze vast datasets, interpret nuanced behaviors, and contribute to personalized interventions marks a significant paradigm shift in understanding and supporting the well-being of the younger generation. However, ethical considerations must remain at the forefront to harness the full potential of AI responsibly.

Literatures.

1. Russell S.J, Norvig P. *Artificial Intelligence: A Modern Approach.* Upper Saddle River, New Jersey: Prentice Hall; 2009.

2. Jerry K. *Artificial Intelligence – what everyone needs to know*. New York: Oxford University Press; 2016.

3. AI is changing every aspect of psychology.by Zara Abrams 2023.

4. The impact of artificial intelligence on human society and bioethics MIchael Ch.T. 2020.

5. Kaplan A, Haenlein M. Siri, Siri, in my hand: Who's the fairest in the land? On the interpretations, illustrations, and implications of artificial intelligence. *Business Horizons*. 2019.

6. Jump up to: abcd Ngoc N.N, Tuan N.P, Takahashi Y (October 2020). "A Meta-Analytic Investigation of the Relationship Between Emotional Intelligence and Emotional Manipulation".SAGE Open. 10 (4): 215824402097161. doi:10.1177/2158244020971615. ISSN 2158-2440. S2CID 228806921.

YOSHLARNI HARBIY VATANPARVARLIK RUHIDA TARBIYALASHNING O‘ZIGA XOS XUSUSIYATLARI

Saydjanov Farxod Madraximovich,
podpolkovnik, axborot-kommunikatsiya texnologiyalari va aloqa harbiy instituti sikl boshlig‘i
Beknazarov Ahmadjon Asomiddinovich,
axborot-kommunikatsiya texnologiyalari va aloqa harbiy kafedrasi instituti professori
Yo’ldashev Djamshid Razzakovich,
UR MV AKT va AXI shtab boshligining o’rinbosari katta o’qituvchi.

Annotatsiya. *Ushbu maqolada yoshlarni vatanparvarlik ruhida tarbiyalash sohasida Respublikamizda va Mudofaa vazirligi tizimida amalga oshirilayotgan ishlar, yoshlarni harbiy vatanparvarlik ruhida tarbiyalashda ishlatiladigan ta’lim-tarbiyaning shakl hamda usullari to‘g‘risida yozilgan.*

Kalitli so‘zlar: *vatanparvarlik, harbiy vatanparvarlik, milliy ruh, milliy iftixor, milliy gurur, jangovar rux, axloqiy-ruxiy tayyorgarlik, sub’ekt, motivatsion, emotsional, irodaviy, kognitiv, regulyativ, xatti-harakati, milliy qadriyat, ma’naviyat, ruhiyat me’yori, affektiv vaziyat, motivatsiya.*

Аннотация. *В данной статье описывается работа, проводимая в республике и вооружённых силах оборони в области воспитания молодёжи в духе патриотизма, формы и методы воспитания, используемые при воспитании молодёжи в духе патриотизма.*

Ключевые слова*: патриотизм, военный патриотизм, национальной дух, национальная гордость, национальная гордость, боевой дух, морально-духовная*

MUNDARIJA

3 ***KIRISH SO'ZI***

4 **1-SHO`BA**
ZAMONAVIY PSIXOLOGIYIK TADQIQOTLAR METODOLOGIYASI

5 ***Nazarov Akmal Mardonovich***
Innovatsion faoliyatni rivojlantirish - shaxs taraqqiyot garovi

13 ***Atabayeva Nargis Batirovna***
Interpretation of the ideas of altruism in the works of eastern scientists

17 ***Achilova Munira Mansurovna***
Pedagoglarda empatiya hissini rivojlantirishning ijtimoiy-psixologik tadqiqotlardagi talqini

21 ***Allamurodova Feruza Rustamovna***
Boshlang'ich sinf o'qituvchilarida kommunikativ kompetentlik omillarining namoyon etilishi va rivojlanishi

23 ***Ashrapov Nodirbek Namoz o`g`li***
Jahon psixologiyasida dinning roli va uning ijtimoiy psixologik xususiyatlari

26 ***Axmadov Nazirjon Raxmatovich***
Dezadaptatsiyaning o'smir xulqida na'moyon bo'lishi haqida psixologik qarashlarning chet el adabiyotlarida yoritilishi

29 ***Baqoyeva Maftuna Shuxratovna***
Maktab o'quvchilari orasida bulling holatining paydo bo'lishi hamda o'quv jarayoniga bo'lgan ta'siri

33 ***Fayziyeva Mavluda Xudayarovna***
Konstruktiv psixologik himoya mexanizmi shakllanish omillari**.**

36 ***Jabborov Azim Meyliqulovich***
Shaxsda diniy o'ziga xoslik shakllanishining psixologik qonuniyatlari

39 ***Khodjaeva Dilnovoz Djumoevna***
Characteristics of educational motivation of gifted students in research

42 ***Mamatova Nazira Djurakulovna***
Oila barqarorligiga shaxslararo munosabatlar ta'sirining sharq mutafakkirlari asarlarida talqini

50 ***Nazarova Manzura Mustafo qiz***
Socio-psychological characteristics of adaptation of foreign students to the educational system of uzbekistan

53 ***Omonov Oybek Bekmurod o'gli***
O'smirlarda distruktiv xulq shakllanishida axborotlarni ahamiyati

55 ***Ostanov Shuxrat Sharifovich***
O'spirinlik davrining ijtimoiy-psixologik muammolari va destruktiv xulq-atvorning o'ziga xos xususiyatlari

58 ***Po'lotova Madina Shavkatovna***
Contradictions in the interaction of adolescents with deviant behavior and their socio-psychological characteristics

61 ***Rajabova Go'zal Zarifovna***
O`zbek folklori va folklorshunosligining taraqqiyot davrlarining psixologik xususiyatlari

63 ***Raximov Abdulatif Abdimuradovich***
Muvaffaqiyatga erishish motivlari tushunchasining bugungi kundagi zarurati

66 ***Raxmonova D.Z***
Voyaga yetmaganlarda jinoiy xulq-atvorni o'rganishning metodologik imkoniyatlari

69 ***Ro'ziqulov Faxriddin Rasulovich***
Nikoh-oila munosabatlarini ijtimoiy-psixologik tadqiq etish

72 ***Shoniyazova Iroda Muradullayevna***
O'smirlarda affiliatsiya motivinining pedagogik-psixologik determinantlari

374 ***Roziqova Malika***
Baynalminal oilalarning ijtimoiy-psixologik xususiyatlarini o`rganish ijtimoiy psixologik muammo sifatida.
376 ***Sabrina Kamolova***
Chet ellik talabalarning ijtimoiy-psixologik moslashuvi: jarayon, qobilyat, natija sifatida
383 ***Tovbayeva Muqaddam Safarovna***
Oilada despotizmni namoyon bo'lishining etnik omillari
386 ***Барноев Бекзод Бахрам угли***
Психологические особенности исследования подростков склонных к совершению преступлений
390 ***Gadoyeva A***
Kompyuter o'yinlariga tobelikning psixologik xususiyatlari
392 ***Жалолов Турсунбек Садриддинович***
Основе эффективного использования программы spss педагогами-психологами
394 ***Насимджанова Махсума Мажидовна***
Аккультурация как межкультурная коммуникация
397 ***Хасанов Р.А., Саномян Сурен***
Мотивация достижения успеха как основа отбора в соревновательной деятельности
400 ***Beknazarov Ahmadjon Asamiddinovich, Yo'ldashev Djamshid Razzakovich Saydjanov Farxod Madraximovich***
Askarning jangovar xizmatga tayyorgarligini empirik matematik statistik tahlili
408 ***Abdullayeva Dilbar Ubaydullayevna***
Onaning "men konsepsiya"siga xos xususiyatlar hamda farzandning unga bo'lgan munosabati o'rtasidagi aloqadorlik
412 ***Hamroyev Jasurbek Umedovich, Ostanov Shuxrat Sharifovich***
The role of artificial intelligence in the study of socio - psychological characteristics of modern youth
415 ***Saydjanov Farxod Madraximovich, Beknazarov Ahmadjon Asomiddinovich, Yo'ldashev Djamshid Razzakovich***
Yoshlarni harbiy vatanparvarlik ruhida tarbiyalashning o'ziga xos xususiyatlari
422 ***Нарзикулова Фируза***
Анализ развития мотивационно-ценностного компонента, как социально-психологическая особенность в профессиональной деятельности педагога