



Will AI Replace All **Human** Jobs?

Exploring the Future of **Human-Technology** Collaboration

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The Question of Our Time

“ Will robots and AI replace all human jobs?
”

This is not just a theoretical debate
— it is a **real concern for society**.



When we see **ChatGPT writing essays**, we naturally wonder: what work will be left for humans?



When we see **Midjourney producing artwork**, we question: will there be a future for creative professions?



When we see **autonomous vehicles driving**, we wonder: will transportation workers be replaced?

💡 AI will replace **tasks**, not **professions**.

The Real Question



Not whether AI will change jobs,
but **how it will transform them**

Will there come a day when offices, factories,
and even schools no longer need people?

Our conclusion: No

Current AI Capabilities

AI systems are rapidly acquiring capabilities that once required human expertise, raising questions about job displacement.



ChatGPT

Capable of writing essays, research papers, and creative content that meets or exceeds human standards.

 **Impact:** Undermines writing and content creation jobs



Midjourney

Creates artwork and visual designs based on text descriptions, generating content that can be indistinguishable from human-created art.

 **Impact:** Challenges creative professions and design fields



Autonomous Vehicles

Self-driving cars that navigate roads, make real-time decisions, and transport passengers without human intervention.

 **Impact:** Disrupts transportation and logistics industries

 These capabilities raise legitimate concerns about human job displacement.

Our Conclusion: **No**

 AI will bring **disruption**
 but not **destroy all jobs**

Tasks, Not Professions

AI will replace repetitive tasks, not entire job roles

New Opportunities

AI will create new job roles and career paths

Human Value

Creativity, responsibility, and emotional intelligence remain irreplaceable

Human-Machine Collaboration

Future is about humans working alongside machines

NO



The future is not "**humans versus machines**"
But "**humans plus machines**"

Irreplaceability of Creative Work

“ Human creativity is inherently **irreplaceable** because it originates from a unique blend of personal experiences, emotions, and cultural contexts. ”

Personal Experience

AI algorithms operate by recognizing patterns and making predictions based on existing data; they can mimic and combine elements, but they cannot truly originate.

Cultural Context

This intrinsic human element, the soul poured into the creation, is something AI cannot replicate or convey. It is this unique capacity for emotional expression that ensures the enduring value of human creative work.

Emotional Depth

When we admire a masterpiece like Van Gogh's *Starry Night*, we connect with the artist's inner world—his loneliness, struggles, and profound emotional depth.

Nuanced Expression

AI can mimic style and technique, but it cannot capture the genuine originality and subjective depth that defines human creative output.

AI can **mimic**, but cannot **originate** with genuine human depth.

The Human Element in Art



Van Gogh's **Starry Night**

*When we admire a masterpiece like Van Gogh's **Starry Night**, our appreciation extends beyond the swirling brushstrokes and vibrant colors.*



The Human Connection

We connect with the artist's inner world—his loneliness, struggles, and profound emotional depth.



Unique Human Expression

This intrinsic human element, the soul poured into the creation, is something AI cannot replicate or convey.



Enduring Value

It is this unique capacity for emotional expression and personal narrative that ensures the enduring value and irreplaceability of human creative work.



AI can mimic the **techniques** of an artist, but it cannot capture the **soul** behind the work.

Case Study: Coca-Cola's "Create Real Magic"

Coca-Cola's innovative advertising campaign used AI to generate numerous images, but the final selections were carefully curated by human designers.



AI Process

- ✏️ AI generated **numerous images**
- 📁 Presented as creative options
- 🗄️ Served as an "idea bank"



Human oversight



Human Decision-Making

- 👁️ **Human designers** selected final images
- ✏️ Applied creative judgment
- ✅ Approved for publication



Key takeaway: AI can be an invaluable creative **tool**, but the final creative decisions remain firmly in **human hands**

Case Study: Midjourney Art Contest

The Controversy

A Midjourney-generated artwork won an art contest, causing huge controversy.

“Despite the technical achievement, judges later clarified that the *creative intention and interpretation still belonged to the human* who prompted the AI.

— Milan Ehrhardt, "The Human Touch"

What Happened Next

-  **Controversy:** The win sparked outrage and debate
-  **Investigation:** The human behind the AI prompts was revealed
-  **Clarification:** Judges emphasized that *creative intention still belonged to the human*

This case illustrates that *human creativity* remains irreplaceable.

Key Insight

Audiences seek not just a visually appealing product, but also the underlying *meaning, thought, and story* that an artist conveys.



AI: Can generate images



Human: Provides creative intention

Responsibility & Moral Judgment



The Core Argument

In critical fields such as medicine, law, and politics, AI cannot replace the human role in moral judgment and accountability.



Medicine

AI can diagnose diseases, but the responsibility for patient care remains with human medical professionals.



Law

Legal rulings require ethical considerations and moral responsibility that extend beyond algorithmic processing.



Politics

Political decisions involve social fairness and ethical implications that AI cannot independently evaluate.

“ If an AI system makes an error, patients will not question the algorithm but rather seek accountability from the doctor, asking, “Who is responsible for my life?”

AI can perform tasks, but cannot bear consequences.

Medicine: Who Takes Responsibility?



AI: Google DeepMind

- ✓ AI systems can diagnose eye diseases with accuracy comparable to medical specialists
- 📈 Impressive diagnostic accuracy in identifying patterns and algorithms
- 🕒 Can provide immediate diagnoses without waiting times



Human: Doctor's Responsibility

- ❤️ The ultimate responsibility for patient care rests with human medical professionals
- 💬 Doctors communicate with patients and explain treatment options
- 👤 Medical professionals take accountability for outcomes and consequences

“ If an AI system makes an error, patients will not question the algorithm but rather seek accountability from the doctor, asking, *“Who is responsible for my life?”* ”



Responsibility cannot be assigned to algorithms

💡 AI may perform diagnoses, but **human oversight** and **responsibility** remain essential.

Legal Decisions Beyond Algorithms



AI's Legal Limitations



Court decisions require profound consideration of **social fairness** and **social trusts**.



These complex judgments extend beyond algorithmic processing capabilities.



Human Legal Judgment



Requires **understanding** of human suffering and societal context.



Involves **moral considerations** in standing up for what's right, even when data suggests otherwise.



Considers **social impact** and **consequences** of decisions on communities.



The Human Element

Legal judgment requires **moral responsibility** that can only be undertaken by human.



Irreplaceable Human Qualities

The ability to **interpret** laws and **apply** them fairly requires human judgment.

“ Legal decisions require considerations that **only humans can provide**. ”

Human-Relation Jobs

The essence of many professions lies not merely in task execution, but in the **intricate web of human interaction** and **trust-building**.



Trust & Connection

Roles defined by their capacity to engage with individuals on a personal level, building trust that transcends algorithmic processing.



Emotional Intelligence

Jobs requiring empathy, understanding, and warmth that AI cannot replicate, regardless of its capabilities.



Human Touch

The unique ability to provide comfort, support, and understanding that goes beyond data and algorithms.



AI may automate tasks, but **human connection is irreplaceable**.



“

*While AI can perform various functions, it cannot replicate the **nuanced emotional and interpersonal aspects** crucial to human-centric roles.*

”

Teachers: Beyond Information Transfer

What AI **Can** Do



Grade Papers

AI can efficiently evaluate assignments based on clear criteria



Data-Driven Feedback

Provide objective feedback based on performance metrics



Content Delivery

Present information in various formats and adapt to learning styles

What Only **Humans** Can Provide



Genuine Encouragement

Offer meaningful support like "I believe in you" based on understanding student needs



Emotional Intelligence

Recognize and respond to students' emotional needs and underlying struggles



Relationship Building

Form meaningful connections that create a supportive learning environment

“ AI can grade papers, but it cannot say to a discouraged student, "I believe in you."

Caregivers: The Irreplaceable Touch

What AI **Can** Do



Monitor Vital Signs

AI can track heart rate, blood pressure, and other vital signs



Remind Staff

AI can prompt caregivers about medical procedures and protocols



Store Patient Data

AI can maintain comprehensive records of patient care

What Only **Humans** Can Provide



Emotional Support

AI cannot provide the comfort of holding a patient's hand or offering a reassuring presence



Understanding Unspoken Needs

AI cannot sense the subtle cues that indicate what a patient truly needs



The Human Touch

Physical presence and human connection that AI cannot replicate

“

The emotional bonds and trust built through human interaction are beyond the capabilities of any algorithm.

”

Creating New Jobs

💡 AI is not just replacing jobs
— it's also **creating new ones**

🔄 Historical precedent shows technology creates more jobs than it displaces

👤 New AI-related professions are emerging:
Prompt Engineers, AI Ethicists, Healthcare Data Scientists

🔧 Tools like GitHub Copilot create new needs:
Code Reviewer, Quality Controller, Ethical Checkers

Traditional Jobs

New AI Jobs

Prompt Engineers

Creating effective instructions for AI systems to achieve specific outcomes

AI Ethicists

Ensuring AI systems align with human values and address ethical concerns

Healthcare Data Scientists

Analyzing complex medical data to improve patient outcomes

The Key Insight

As AI automates certain tasks, it simultaneously opens doors to previously unimagined professional avenues.

The future is about **human-machine collaboration**, not just replacement.

“ AI may eliminate certain roles, but it will also open doors to jobs we cannot even imagine today.

New Tools, New Needs

As AI tools enhance productivity,
they simultaneously create demand for new roles:

GitHub Copilot

AI assistant for coding that suggests code snippets
and fixes bugs

Enhances productivity by automating routine tasks



AI Writing Assistants

Tools that help with writing and content creation



Streamlines content creation process



CreatesD
emands



Code Quality Reviewers

Specialists who evaluate AI-generated code for
efficiency and security



IP Monitors

Professionals tracking AI tool usage to prevent
intellectual property violations



AI Ethics Oversight

Experts ensuring AI tools comply with ethical
standards and regulations

AI enhances productivity while creating new professional avenues.

Recommendations for the Future



Governments

Promote life-long learning and reskilling programs

Help workers adapt to the transformation

- ✓ Ensure a smooth transition for the workforce



Companies

Treat AI as a partner, not a threat

Invest in developing employees' skills

- ✓ Foster a collaborative environment
- ✓ Augment human expertise with AI



Individuals

Embrace learning and build creativity

Develop communication and critical thinking skills

Enhance ability to collaborate with AI

- ✓ Enhance your unique human value

💡 The future is not "humans versus machines," but "humans plus machines".

Humans + Machines, Not Humans vs. Machines

The future is not "humans versus machines," but "humans plus machines."



Human

Creativity
Responsibility
Emotional Intelligence



Machine

Processing
Speed
Data Analysis



Enhanced Creativity

AI can generate ideas, but humans provide the creative spark



Shared Responsibility

Human oversight ensures ethical use of AI capabilities



Human-Centered Care

Emotional bonds that algorithms can never replace

AI will replace tasks, not professions.



Thank You for Listening!



Chinese

谢谢大家的聆听!



English

Thank you for listening!



Korean

경청해 주셔서
감사합니다!

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