

Wii Hack: Convert \$50 device to build a \$5000 Interactive TV

# Examples: AI-Assisted Image Generation & Other Tools for Increased Productivity

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- Past Chair, IEEE Pikes Peak Section (2019-2023)
- Webmaster, IEEE Pikes Section (2019-Present)
- Faculty IEEE CTU Branch Advisor(2008-2019)



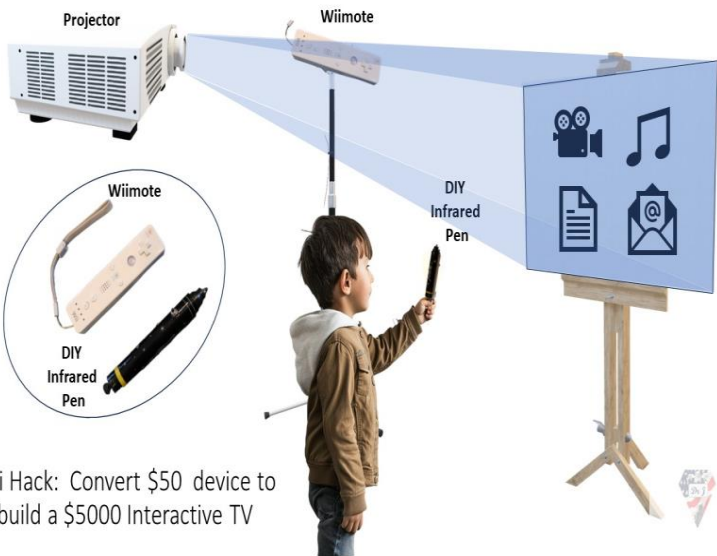




**Digital Privacy**



**GET READY FOR IEEE EDUCATION WEEK  
14-20 APRIL 2024**



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**Developing Future Technological Leaders**  
 For Global Events → <https://educationweek.ieee.org/>  
 For Local Pikes Peak Area of Virtual or  
 In-person Events → <https://site.ieee.org/pikespeak>



**AI DESIGN  
AUTOMATION**



Personalized Assistant to Mentor or Tutor



**SUPPLY CHAIN  
MANAGEMENT**



Darn it...Now where are those privacy settings!

**Next  
Topic**



# Text-to-Image Prompt

George  
Washington as  
Captain America  
Flying over DC



# Text-to-Image Prompt

a collage of british  
landmarks with  
white background



# Text-to-Image Prompt

Elon Musk as  
Ironman





# Text-to-Image Prompt

Space Tourism  
with passengers  
overseeing earth



## Text-to-Image Prompt

Holographic T-  
Rex projected at  
a distance from a  
smart phone



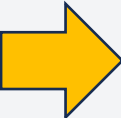
# Text-to-Image Prompt

Zorro





# FACE SWAP



# Text-to-Image Prompt

elon musk as  
ironman, 6 multiple  
poses in full figure,  
consistent  
character







Original using Fotor



Background Removal in Fotor




# Next Set of Slides Deals With Promoting Education Week

14-20 April 2024







Before we start this meeting, I just want to thank you all for coming!

I hope we're not being hacked so we can have a more frank discussion?!

**Digital Privacy**





## Text-to-Image Prompt

a pixar character standing in front of a complex control panel with hundreds of tiny switches and dials labeled "Privacy Settings"



fotor







# Text-to-Image Prompt

an isometric view of a complete supply chain management system [with a brain hovering over the scm]



# Text-to-Image Prompt

Robot tutoring a  
classroom of  
children, pixar



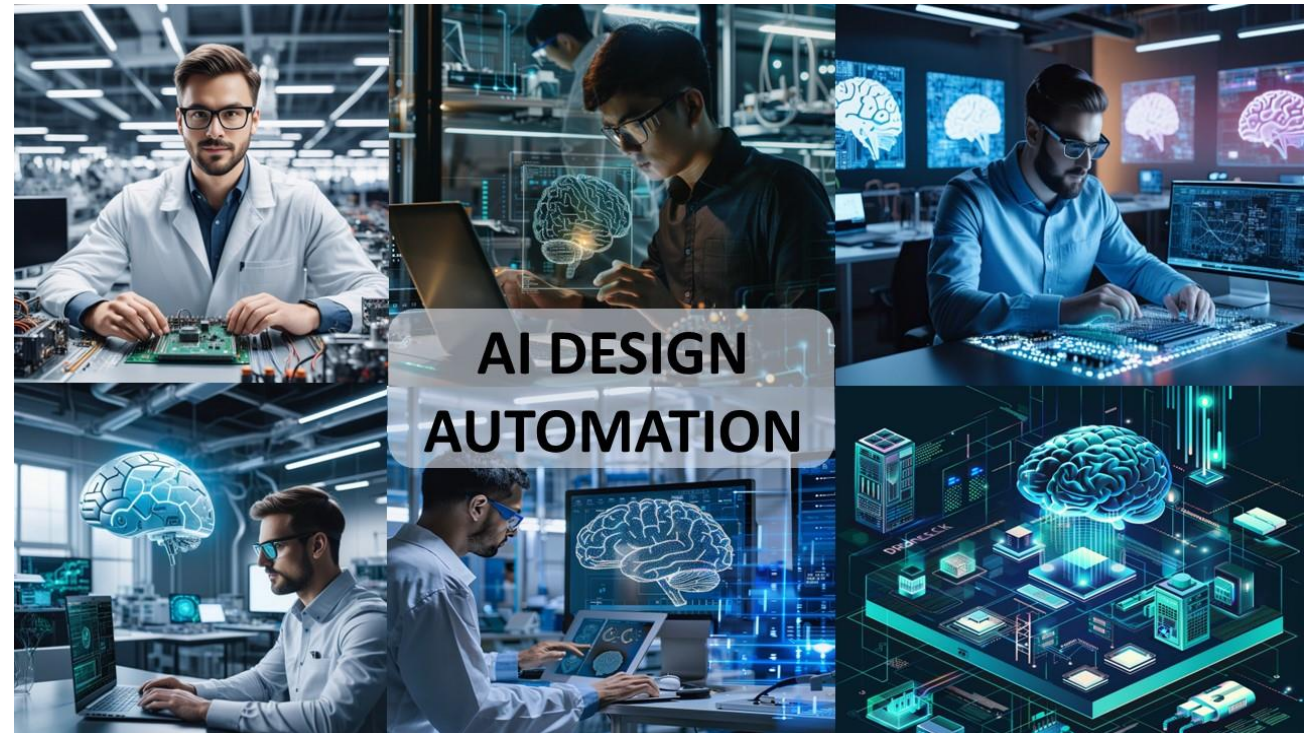
Personalized Assistant to Mentor or Tutor





# Text-to-Image Prompt

ai design automation,  
engineer working on  
electronic hardware in a  
large electronics laboratory  
besides him us a laptop  
projecting a holographic  
image of a brain

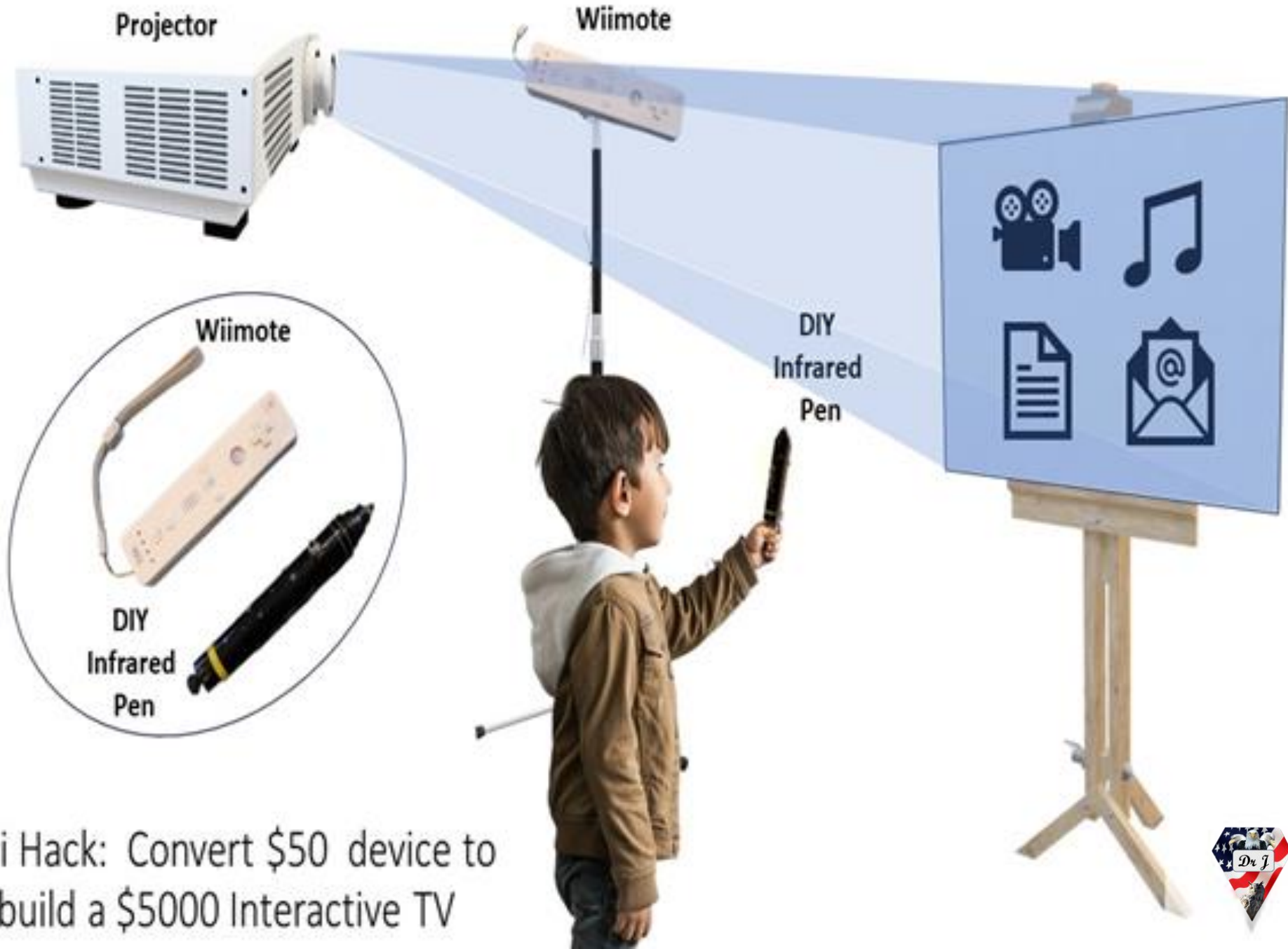


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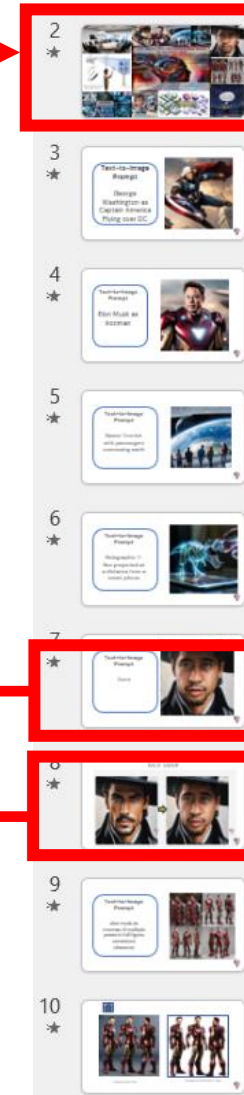
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Home Slide  
(Slide 2)



Go back to Home Slide



Go to

Slide 7

All images are linked  
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