



Point of View

The Student Newspaper of Ivy Collegiate School

OCTOBER 2022

Concerning AI Art: An Interview with Mr. Tennant - Part 2

by JIYONG SIM AND SEJIN TENNANT



Image Source: Midjourney

Ancient ruined lost city overgrown with a lush jungle inside a vast cavern: establishing shot, photorealistic, Kodak, mysterious journey to the underground world, epic, unreal engine rendered 3D, highly detailed, hyper-realistic, magnificent and resplendent cinematic still, transcendental, waterfalls, moss, vines, mist, fog, crepuscular rays-q3.5-ar 16:9-c 50-s 2500-iv 1.6-no window, arch, door - Credit: Mr. Tennant

AI Art is an unprecedented style of drawing: unlike previous styles of drawing, which are drawn by humans, AIs draw. It has been controversial in the philosophy of mind, aesthetics, ethics, etc. This is the second part of the interview about AI Art with Mr. Tennant, our philosophy teacher, about AI Art. Unlike the first part, which focused on aesthetics, the second part focuses on ethics and morals.

Q: I think the next question might be kind of vague: Do you think AI Art is actually an art?

Mr. Tennant: Yeah, I guess that circles, sort of, back around to some of the things we've been talking about with [other] questions. [...] I'm still not decided on that. Hang on, I'll actually check how many images are generated here. So far, I've used Midjourney to generate 7,032 images. And, so, let's just say these are considered art. [...] And I'm only one of hundreds and thousands of users doing this, which means potentially billions of works of art created just in the last couple of months. If this is considered art, humanity has created more art in the last two weeks than the entire humanity did in thousands of years.

If we can define this as art, we have to completely rethink the whole history of art. [Also,] if more art's created in the last months, [...] that is a monumental development. We need to take that into consideration, as well. Because art is such a uniquely human thing, if we accept AI Art as art in the traditional sense, we're kind of [...] giving away a part of what it means to be human.

Q: What ethical issue is raised by AI art? If there is, what is it?

Mr. Tennant: This is actually an interesting [thing]. [...] It deals with the concept of copyright, as well. There is a good example of this famous. . . I guess he's a fantasy concept artist, maybe? There is a Polish artist called Greg Rutkowski. This is a person whose livelihood depends on art and invests thousands of hours into [his art]. [But], with some simple keys, I can – not perfectly – [...] imitate his art style.

Another thing, that is actually connected to the ethical issue, is that issue: the artists' livelihood. I had been planning on finding an artist to do some concept art for [a television script I wrote]. I was prepared to pay, potentially, hundreds of dollars for this service. And when I discovered Midjourney, I [found out] that I can create my own concept art without having to pay anybody anything, and somebody's making a monthly [income] just disappeared. [...] It's taking the bread out of someone's mouth.

Also, connected to the issue of connecting the style of well-known artists [...] Mr. Roe, who teaches in the elementary school, is an Instagram [celebrity]. He has an account with tens of thousands of followers. He's known as a photographer on Instagram, and I saw somebody [using] his name as a reference to generate art on Midjourney. And I was like, "Hang on a second, that name looks familiar!", and I looked up and discovered that he's got a huge Instagram [account]. I told him about it, and you can interview him personally about how he feels when other people are using his name for creating art and giving him no loyalty.

How do computer monitors work?

by JENO SEONG

To the people of the 21st century, there is one technology in our life that we cannot live without. We, as students at ICS, need

access to our homework with this device, which is a computer. We always look at the monitor attached to our laptops and finish up our homework. Then, what lets the monitors display images, pdf files, etc?

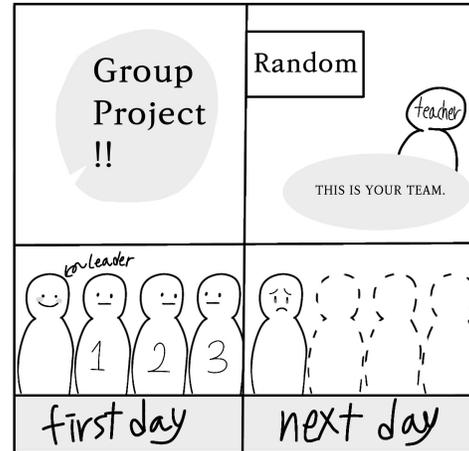
There are two types of monitors: the CRT (Cathode Ray Tube) and LCD (Liquid Crystal Display). CRTs are monitors that look like big box and has small display in the front. LCD monitors are the monitors we commonly use. They have thin monitors and are lightweight compared to CRT monitors.

CRT monitors display images through the tube that is implemented behind them. They have electron guns inside them which receive the signal from the computer and project it into the glass frame inside of the monitor. Unlike LCD monitors, the glass frames of CRT contain phosphor dots (like pixels) which project the image from the three colors they have: red, green, and blue. These CRT monitors were the standards for monitors in the past but as LCD monitors were introduced, they began to disappear.

LCD monitors are more commonly used in three main ways: the variety of colors, quality, and capability of better resolutions (1024x768,1600x1200). Just with the name liquid crystal, we can suspect how they would function. Unlike the CRT, which has one glass frame, these LCD monitors have two glass frames compressed together and between them flows a crystal-like liquid. These crystals are the place where electric currents flow and display the images. What these crystals differ from the phosphor dot is that they allow only specific wavelengths to display, showing better color.

Because of the culture day, it felt like we could all get closer than before and could reduce our stress. Despite the fact that there were lots of people there, we all had a wonderful time.

After the culture day, I realized that taking pictures and eating delicious food with friends was more important than just riding attractions, and it was also a great time to reinforce our friendships.



Artwork by Heidi Jang

My experiences on Culture Day

by JI WON WOLCOTT

For the October ICS Culture Day, we went to Lotte World. Middle and high school students departed for Lotte world at 3:00. The time took about an hour to arrive. The Songdo bus arrived first, then the Cheongna bus did, so the Songdo bus had to wait for the Cheongna bus. When the Cheongna bus finally came, we received the ticket and we went into Lotte World. Because it was Halloween season and it was a late time, lots of people were there and it was so crowded that the attractions were hard to ride.

When we first got inside, we were tired to go to the haunted house, outside, but the tickets were sold out so we couldn't go there so we decided to go ride a rollercoaster. We rode the rollercoaster named "French Revolution". It also had many people so we had to wait for two hours. When I rode that, it was scary but it was fun. After my group and my friend group got together, we went to eat dinner. After we ate, we saw the Halloween parade together. The Halloween parade was very scary and realistic. The zombies were dancing and their dance movements were fantastic!

Why Reading is Helpful

by JIHOON CHOI

Reading, which is described as "the ability to understand a series of symbols and understanding the meaning of them", is such a power. Without our ability to read, we would not be able to understand complex thoughts, and this could even interfere with our communication skills. As you see above, the ability to read is one of the key things essential to evolution. This article is about how reading books help us in a way we never knew.

Books are helpful in many ways. Books contain vocabularies that can contribute to your communication. Vocabulary is important in our daily life, such as reading articles. We can also get more knowledge since books consist of approved knowledge. Books also make us imagine how the situation in the book would look like, which can create discussions and different perspectives about the book. This can make us think about others' thoughts and take our thinking to the next level.

As many politicians, educators, and directors put it, the best way to get knowledge is by reading. Children should have access to reading more books, make libraries, and discourage children from watching televisions and Youtube videos too much.

SSG Landers' Wire-to-Wire Championship

by HAYDEN LEE



Source: 신세계그룹 뉴스룸

With the LG Twins losing to the KIA Tigers on the 4th of this month, the SSG Landers finally landed in their championship for the regular season. But, this championship has its own unique record: a wire-to-wire championship.

A wire-to-wire championship occurs when a team stays in 1st place for the whole season. The condition is simple, yet it is incredibly difficult to achieve. The SSG Landers' wire-to-wire run was the first in KBO's (Korean Baseball Organization) 40-year history, and there were only 5 in MLB's 147-year history, with the most recent case being the 2005 Chicago White Sox.

1. 10-win streak at the start of the season

Starting off with Wilmer Font's 9-inning perfect pitch (which unfortunately was not a "perfect game" due to the score being 0:0 after Font left the mound), the start of the 2022 season for the SSG Landers was once in a lifetime record. For a team to be in first place for the whole season, the easiest way to lose that record would be at the start of the season, as the winning percentage of teams is volatile. Obviously for a team to be in first place after the first game, they should win the first game, and second games as well unless every team has a 1-1 record. Without the 10-win streak at the start of the season, the SSG Landers' wire-to-wire run would have been impossible. This was also significant in the later season, as the Landers were clearly doing below average in September and October, with a winning percentage of 0.444. Because of the 10-win streak, they were able to fill that deficit of constant losses.

2. Stable starters, Epic batters

For the whole season, the starters for the Landers were mostly stable. The biggest concern for this team was to have a stable starter rotation until May or June when two starters that received Tommy John surgery (Jong-hun Park and Seung Won Moon) will come back. However, Wilmer Font and Kwang-Hyun Kim are one of the best pitchers in the league, and Noh Gyeungeun from the waivers and Oh Weon-suk from the farm are stable as starters, the starters for this team were near perfect. Although Ivan Nova was not following the expectations he got

from the start of the season, his replacement player, Shawn Morimando, replaced him perfectly.

The batting ability of this team is undoubtedly crazy ever since 2015 when they started to use their advantage of having a smaller field. Jeong Choi, Shin-soo Choo, and Yoo-Seom Han led the batting staff, with the young-gun duo Seong-han Park and Ji-hoon Choi becoming national team caliber players, the SSG Landers had players that could do their jobs in chances. However, this doesn't mean that they didn't have any problems. The catcher spot was always a black hole, and the 2nd baseman spot of Joo-hwan Choi was below average, but with hopes of better records in September. Still, with the majority of the batters being good, the SSG Landers was able to make the 3rd most runs out of all teams, which was enough to keep their spot in first place.

3. Clutch Ability

The SSG Landers weren't the best team if we consider the Pythagorean Expectation (PE), based on points earned and points allowed. SSG Landers' PE was 0.567, which is 62 points less than their actual record of 0.629. Rather, the LG Twins' PE was 0.641, 74 points higher than Landers' PE. The LG Twins were clearly a better team overall. However, the Landers made this deficit with their clutch ability. Comparing the WPA (Win Percentage Added) of the two teams, the Landers' WPA (8.96) was more than two times higher than the Twins' WPA (3.5). As WPA is highly dependent on how teams perform in clutch situations, though the Landers' batting average on runners in scoring bases was lower than the Twins', we can clearly see how the Landers' outperformed on the quality of performance in clutch situations. (Data source: Statiz)

The Korean Series starts on November 1st, yet the previous round is currently unpredictable. With the LG Twins and the Kiwoon Heroes fighting for the challenger's spot against the Landers, expectations showed that the LG Twins will advance, however, the five-game series is currently at a series score of 2:1, with the two being the Heroes. But no matter what, it is clear that the Twins and Heroes are both strong in their own ways, therefore the Landers would have to clearly see a difference from their September and October performances.

Rubik's Cube's Technology Through GAN 13

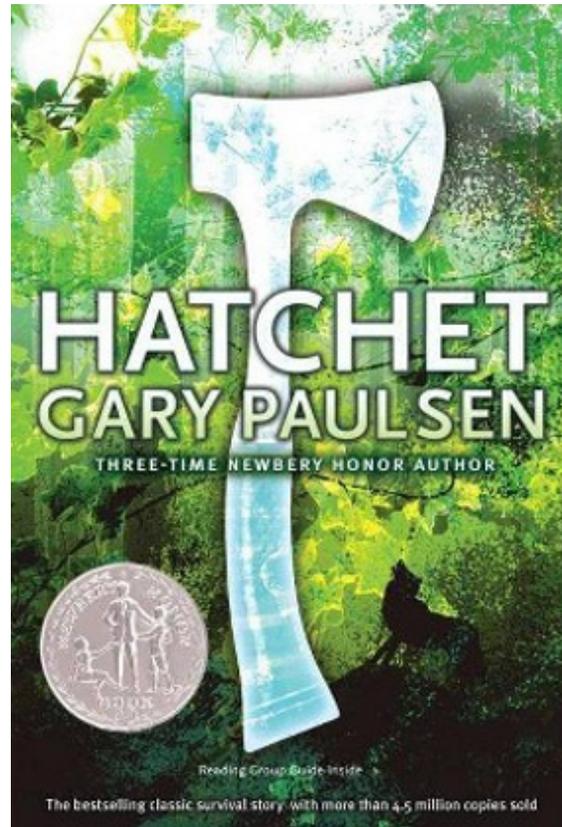
by YESEONG LEE

Firstly, eighty-eight magnets on cores, corners, and edges have been developed. While solving a cube, these magnets automatically align the pieces, preventing the user from blunders. In speedcubing, one wrong move can cause a massive difference in the record. The GAN 13 has a 30°+ auto aligning and a three-step magnet adjusting system. The magnet-adjusting system can adjust the distance between core magnets and corner magnets.



Source: Speedcubestore.co.uk

Secondly, a magnetic levitation core has been developed. The cube's core is very important because it manages the tension of holding all the pieces. If the tension is too strong, it is hard to turn the cube; if it is too loose, all of the pieces will fall off. Originally cubes had spring, which was used in the core and kept the tension enough. However, there were problems such as spring wearing away. Now GAN discovered technology that reduces these problems: the magnetic levitation core. GAN 13 uses the forces of magnets to maintain the tension. It also has the GES (GAN Elasticity System) v2 to adjust to the user's taste. As shown above, the technologies used in the cube are developed beyond people's thoughts in a few years. It will be developed more in the future. It might be good to start cubing if it was interesting.



BOOK REVIEW: *Hatchet* by Gary Paulsen

by GEON GO

Brian Robeson, a thirteen-year-old boy. The pilot of the plane which Brian is on dies of a heart attack while flying to Northern Canada. Brian tries to control the airplane but he falls into a lake in a forest. He takes a hatchet and swims to land, where his journey of survival begins.

Hatchet is a 1986 Newbery Honor-winning young-adult wilderness-surviving novel. It is the first novel of five in the *Hatchet* series. Other novels in the series include. This book is very fun and exciting. The idea of a boy surviving in a forest is unique and the story is very good, so it is very easy to understand and read. The author wrote very well about how the main character felt in dangerous moments, such as when the protagonist was falling down from the plane.

BOOK REVIEW: *Simple Passion* by Annie Ernaux

by JIYONG SIM

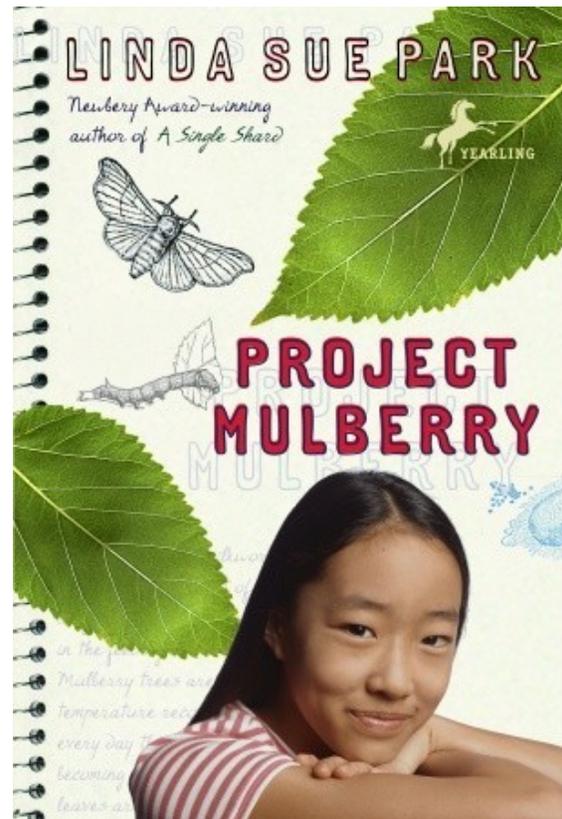


The narrator waits for her married foreign boyfriend, A, to come. She imagines happy moments to come when A comes back to her. She cannot stop her “passion” towards A. But one day, after having a call, her “passion” starts to fade, so she decides to . . .

Although it is somehow inappropriate, there are literary elements hidden in many scenes. For example, the symbolism of the lover, A, implies that he is her sin, but true love (or “passion”) like in the book *Scarlet Letter*. The author argues that this kind of love is the “true passion”, which lasts forever. Also, since it is an auto-fiction, the portrayal of ordinary life is so-called “hyperrealistic”. It is an interesting book that has both a non-fictional background and fiction-like elements.

BOOK REVIEW: *Project Mulberry* by Linda Sue Park

by HYUNSEO KIM



Book “Project Mulberry ” is a story of Julia Song and her project. Julia decides to join a state fair to win a blue ribbon, and she teams up with her friend, Patrick.

The story starts with Julia complaining about kimchi, which is her mother’s culture. She complained that the smell of kimchi does not go away and sticks at the house, and she feels embarrassed to let her friends know the different culture she has. This conflict goes on through the story, with Julia and Patrick deciding to raise mulberry worms for the project, which was Julia’s mother’s idea. Even though Julia disliked this topic, she never spoke up because Patrick seemed to like the topic. So they start “Project Mulberry”.

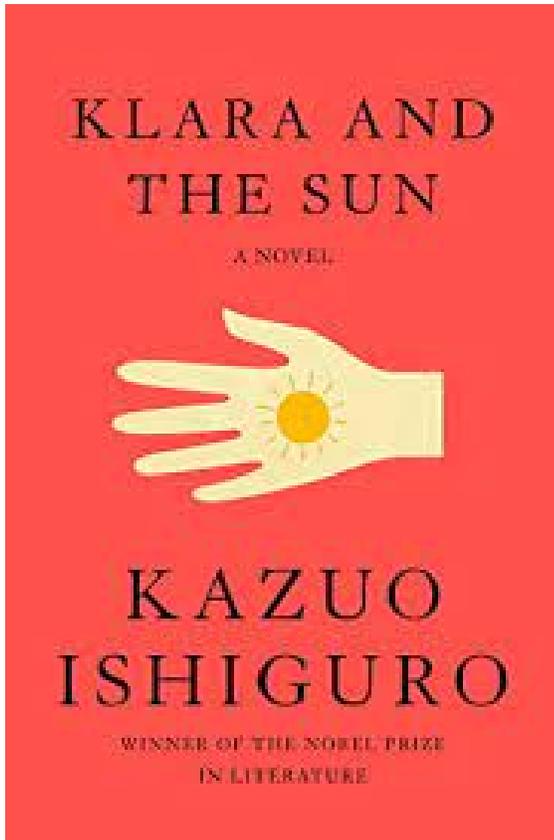
One unique thing about this author is that at each end of the chapter, she has conversation with her main characters. In this book, she talks with Julia at each end of the chapter. Another reason this book is interesting is that there are some Korean cultures that readers can find in the story. Also, the small daily conflicts that Julia finds are just like the conflicts that all people can have, so it makes it easier for readers to feel empathy in the story.

PAGE RUNNERS BOOK REVIEW:

Klara and the Sun by Kazuo Ishiguro

by MEMBERS OF PAGE RUNNERS

However, since the book had a broad range of debatable topics, there were many lacking descriptions about several topics. I.e., there were many topics that were introduced but not explained in detail. Nevertheless, due to those vague conclusions, we could discuss more what the author is trying to say and predict what would happen later on.



AFs, or Artificial Friends, are created to be friends with humans. Klara, a female AF, gets purchased by Josie and becomes friends. It seemed that it would only be happy, but Josie's disease evolves, and many tragic incidents come along. Can Klara cope with everything?

Klara and the Sun is a dystopian science fiction novel published in 2021. Since it is a contemporary novel, we could compare the concepts that were mentioned book and happening in the real world.

There were many questionable topics throughout the book, such as "Can robots think?", "Is it ethical to ...?", etc. We discussed philosophical topics, such as Descartes's and Nagel's theories about non-human beings' thinking and Descartes's and Matrix's theory about reality. We also discussed contemporary moral issues such as robots taking humans' jobs, how to teach robots about morality with the Moral Machine, and parents controlling their children unilaterally.

**JOIN PAGERUNNERS
THURSDAYS, 4 PM**



**WAR OF THE
WORLDS**

By H.G. Wells

NOV  22