

# Talkomic AI App Prototype

## A Podcast Audio into Images



Proof Of Concept For Podcast [Tech Shift F9](#)

*A podcast hosted by Maurizio Raffone*

*And dedicated to reinventing careers in the age of technology.*

Special thanks to Jason Gauci co-host at [Programming Throwdown](#) podcast [whose idea shared on the podcast](#) served as inspiration for this prototype.

I am thrilled and truly grateful to Maurizio Raffone at [Tech Shift F9 Podcast](#) for trusting Rendergon Labs <sup>(1)</sup> to run a proof of concept of the Talkomic app prototype with the audio file of a fantastic episode in this podcast.

[Talkomic app](#) prototype uses a trio of AI models that transcribe the audio podcast to text and generate contextual images that are closely tied to the content discussed in a podcast.

You can get the app's prototype code, a discussion how we made it and much more in our [Tapgaze Blog](#).

Sergio Solorzano

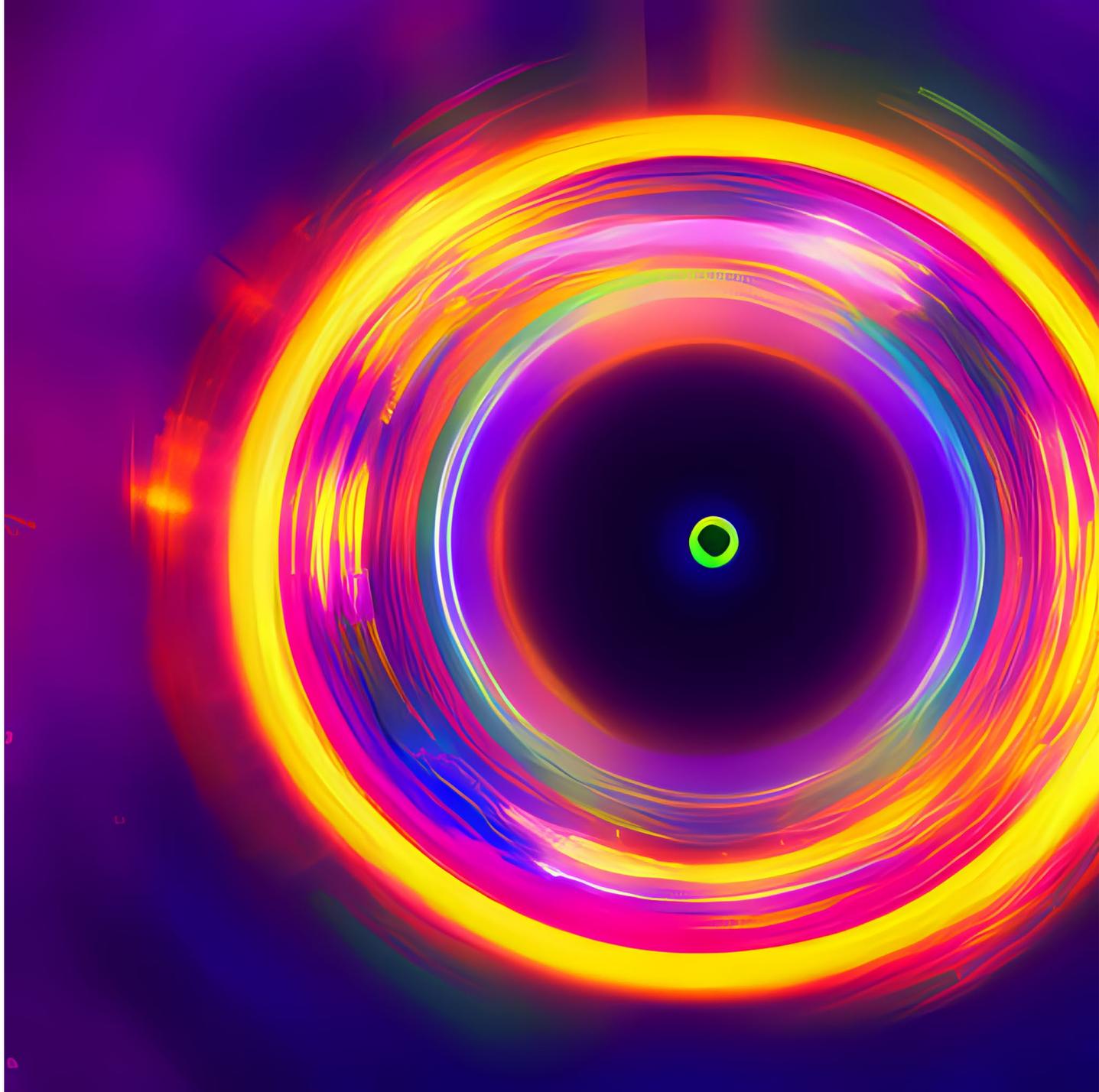
<sup>(1)</sup> *Rendergon Labs represents the experimental initiative undertaken by Rendergon Limited.*

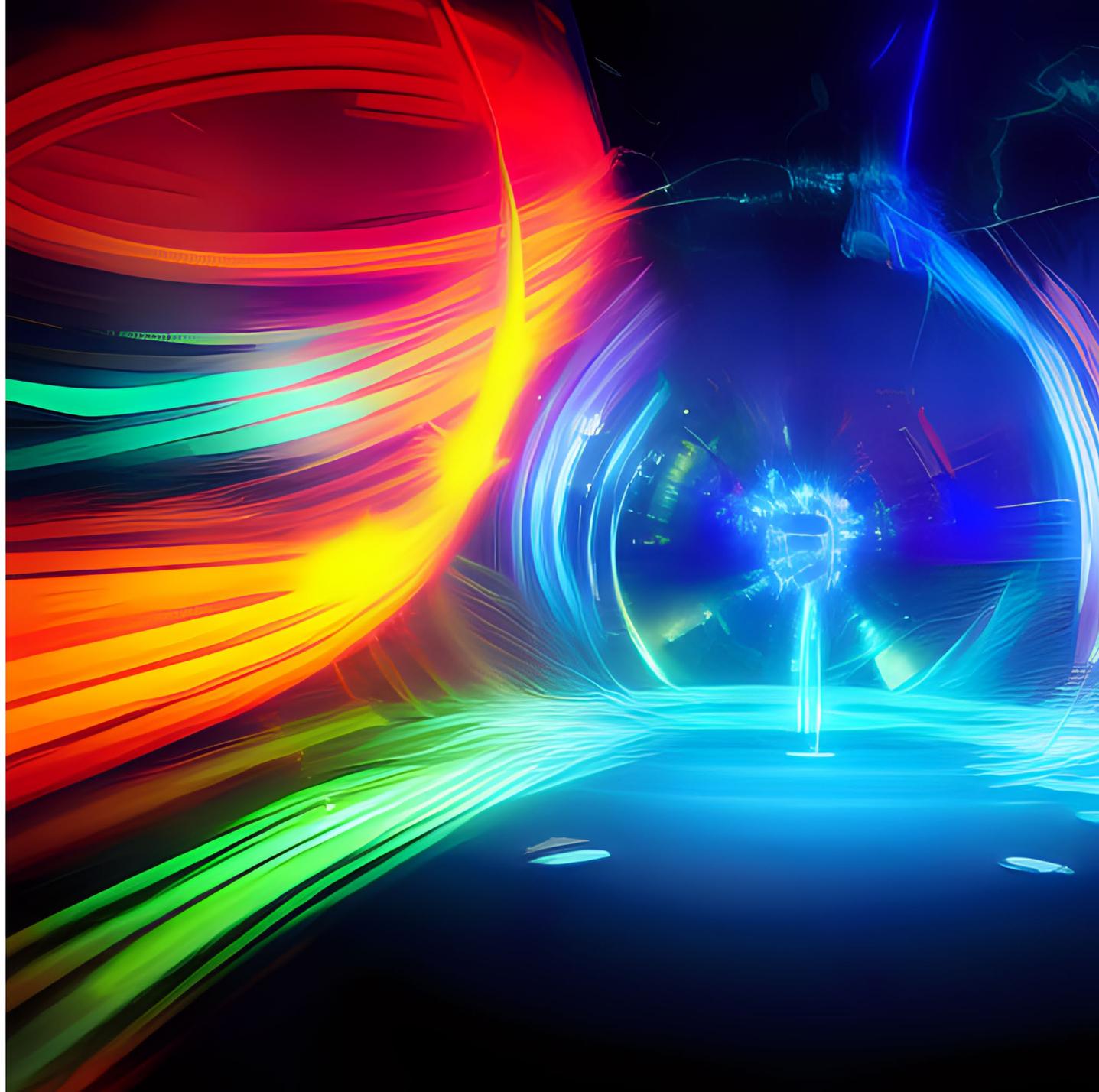


## **Section - Introduction**

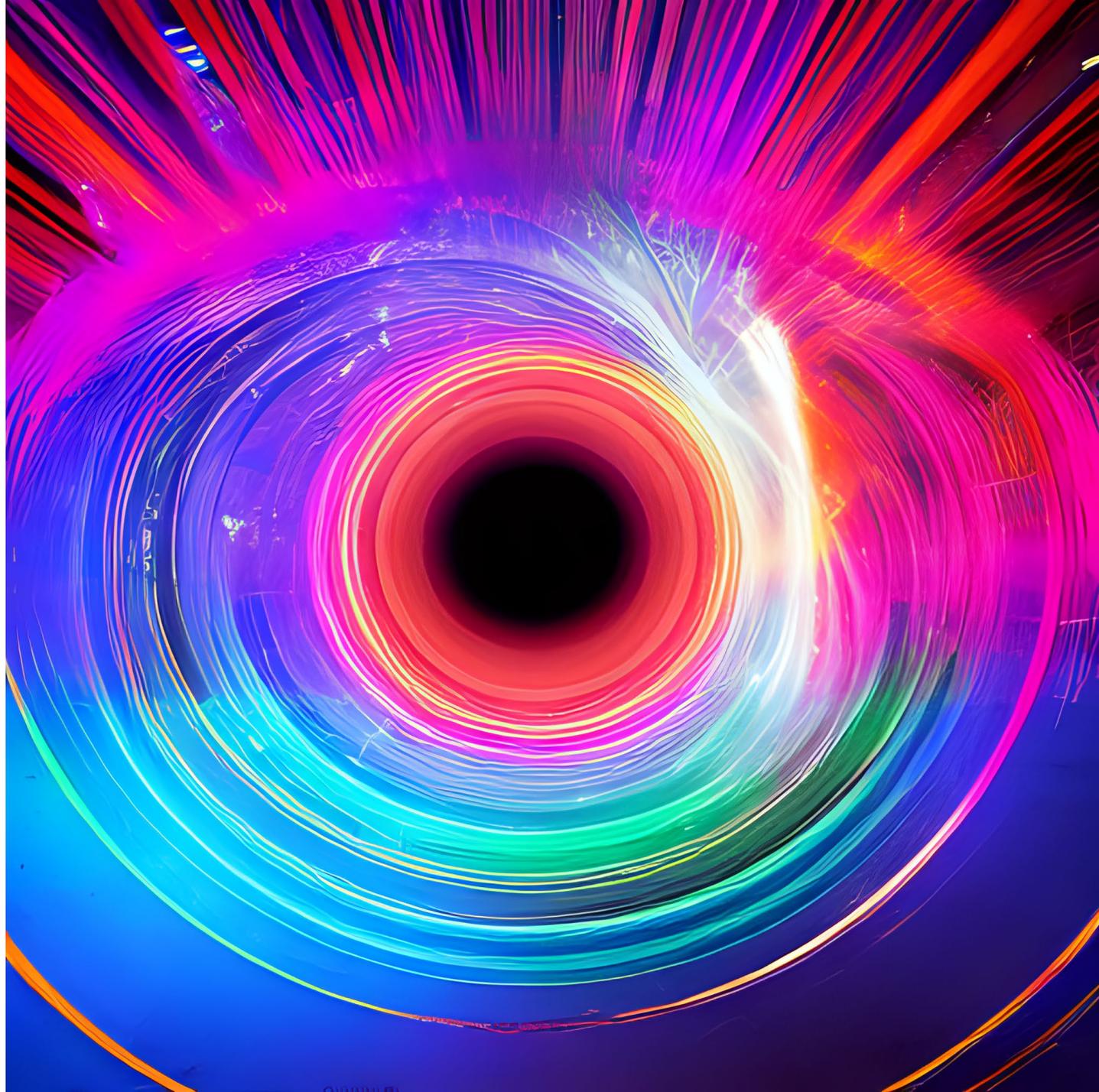
Audio Transcribed: Section 0-Introduction-Start Time: 0:00-EndTime: 0:32: Welcome to the PSF9 podcast. You weekly show about career transitions in an age of technology. I'm your host, Mauriziro Fauna. In this episode, we talk about following a passion and going from a fun idea to a full-time career and how important it is to take risks to put yourself in a position you love and enjoy.

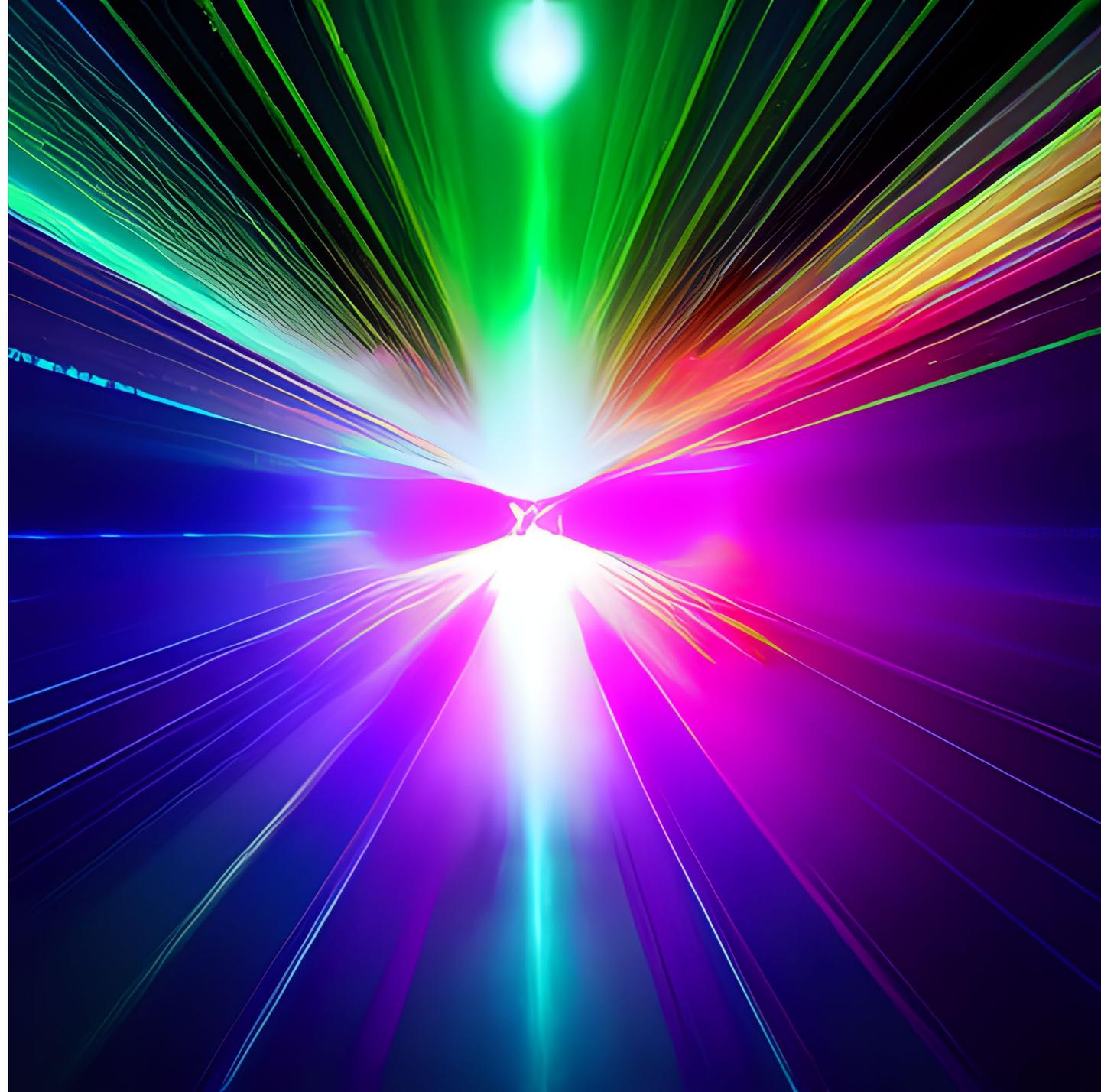
ChatGPT Image Description (Response):A colorful, swirling vortex of light and energy with a beam of bright white light shooting out from the center, representing the journey from a fun idea to a fulfilling career through risk-taking and following one's passion.









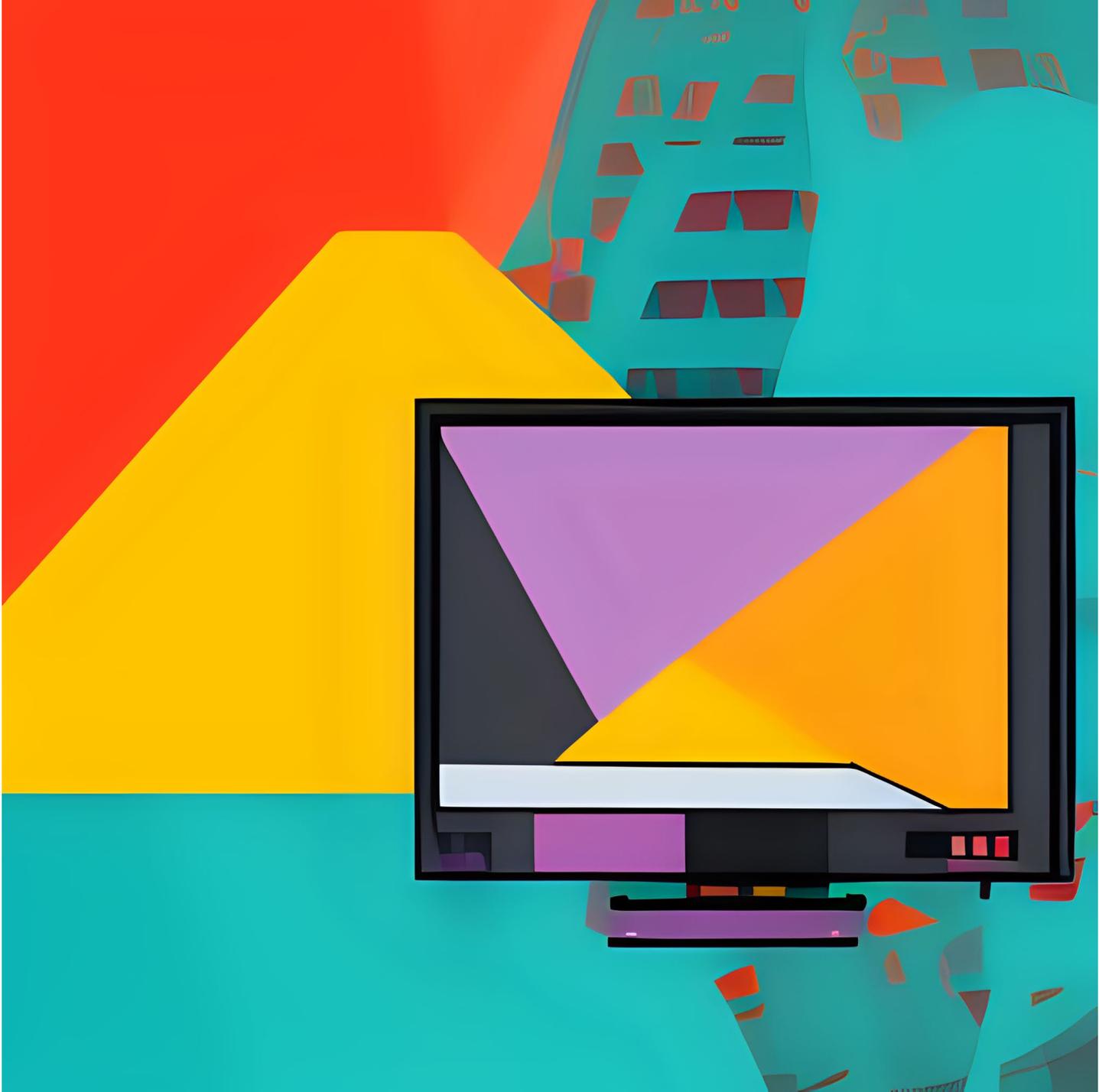




## **Section - This week's guest**

Audio Transcribed: Section 1-This week's guest-Start Time: 0:32-EndTime: 1:13: These weeks guessed, Hayatopas, joins us from Maryland in the US. Haya is a former communications director, she's a mother of three, who one day decided to follow her real passion and became a children in between book author. Haya's story is something that I think resonates with many people. She graduated from college in her chosen field, had a job that ticked all the boxes, but in 40s, felt a little lost and that's when she decided to get right in. Since then, she's published two books with several more in the works. She's been featured in local television, websites, social media feeds, and has done many readings in schools.

ChatGPT Image Description (Response):An abstract image of a colorful book with open pages surrounded by various media symbols and icons, including a television, website logos, social media icons, and a school building in the background.











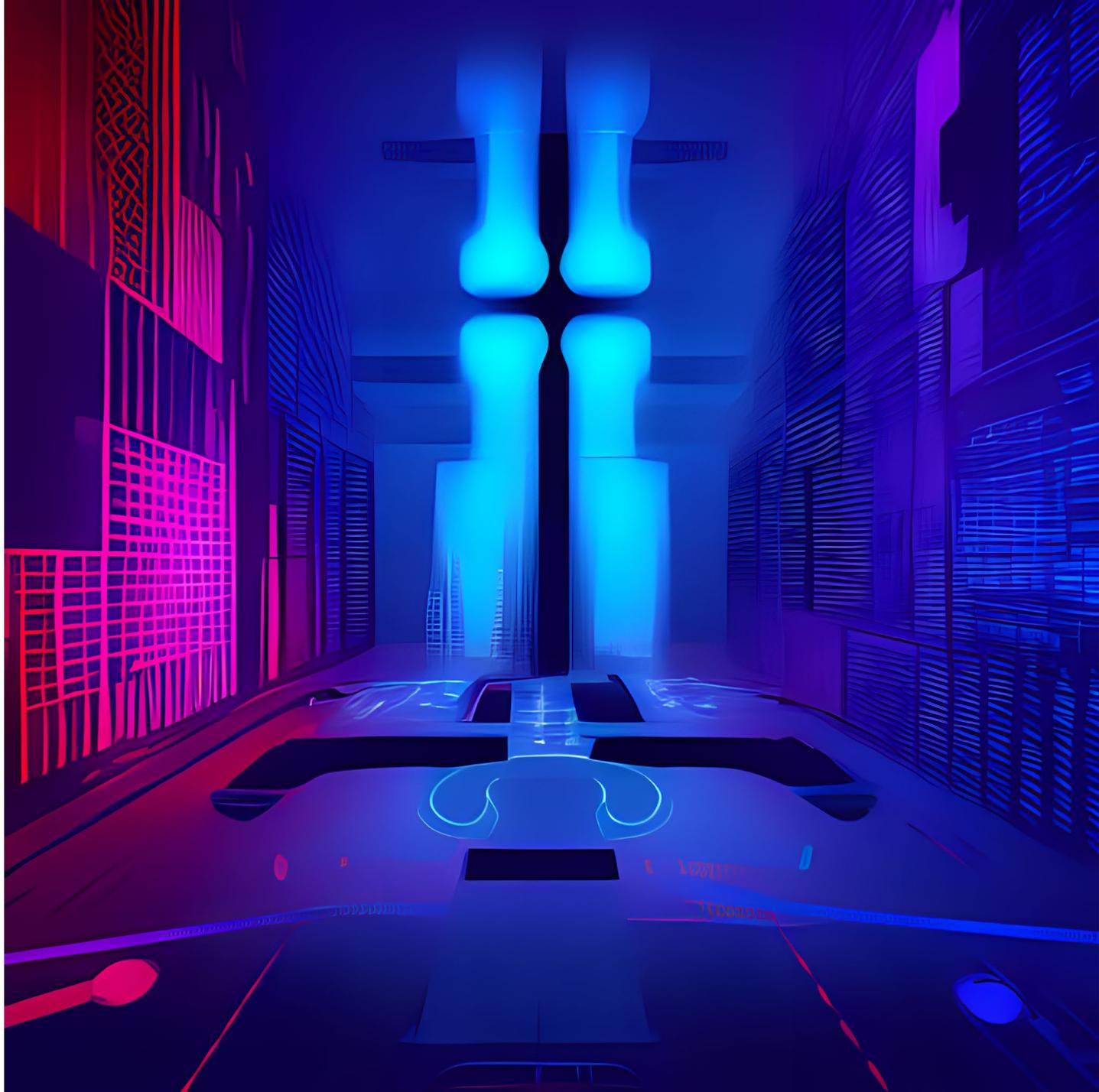


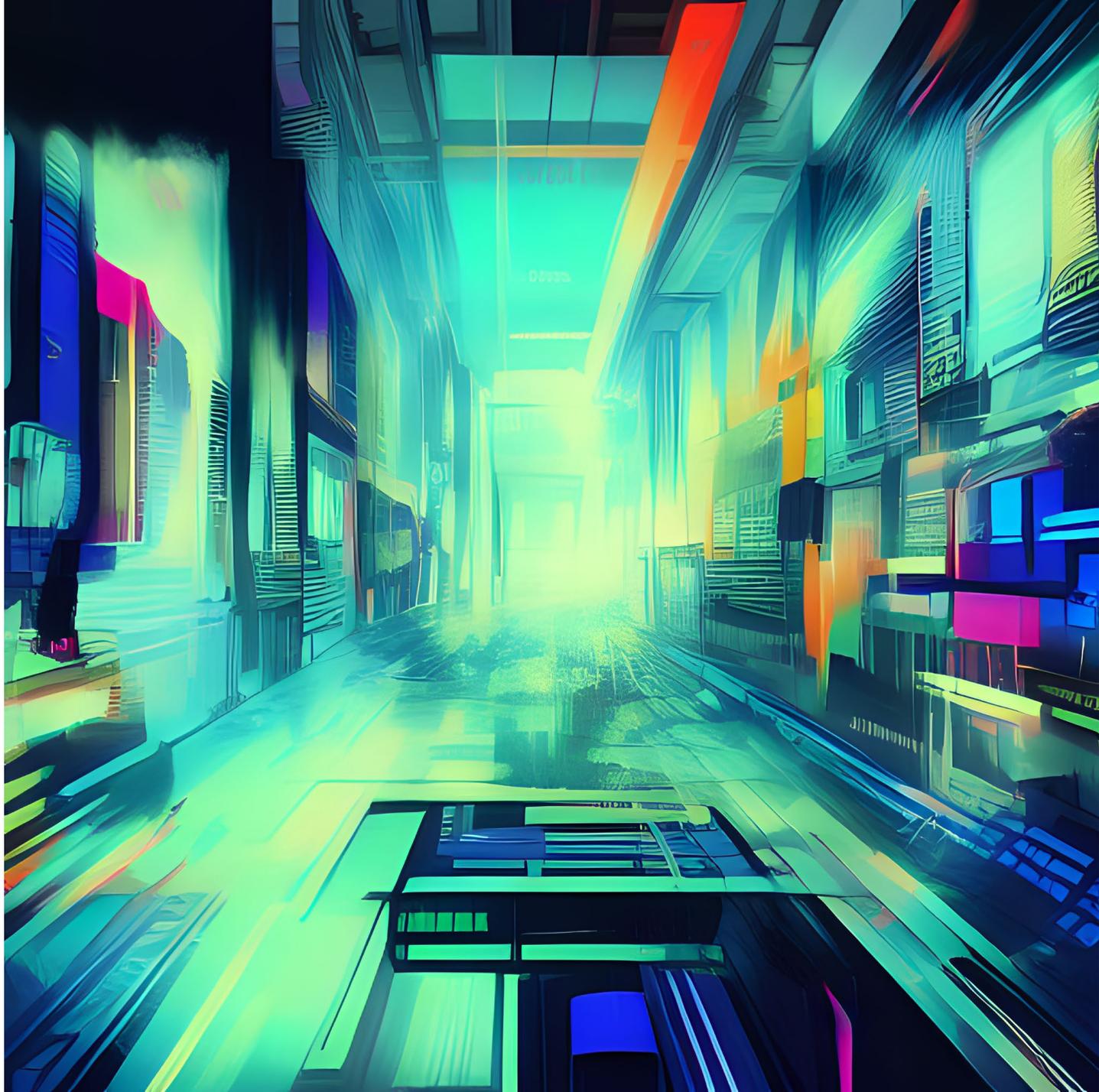


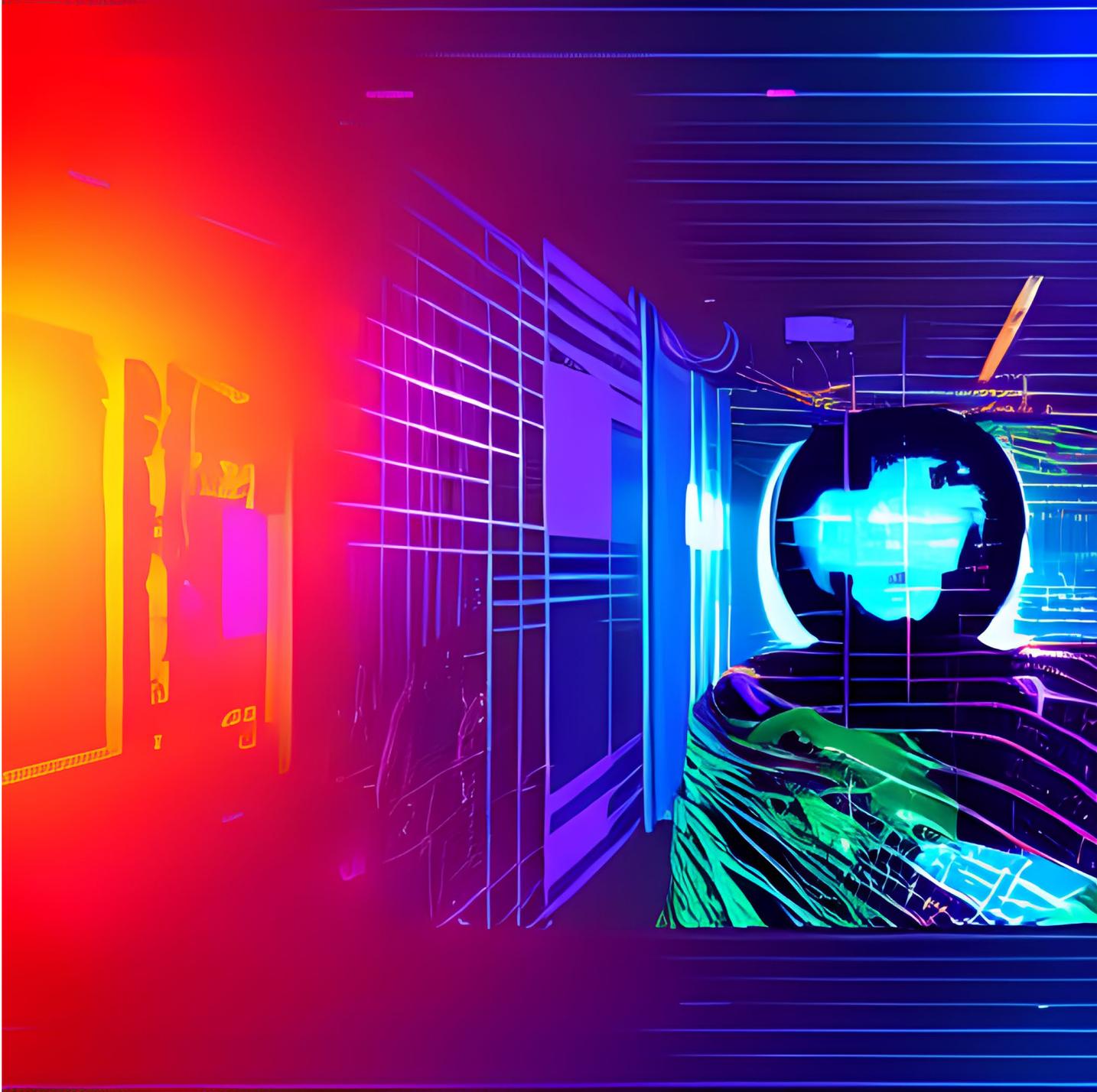
## **Section - Start of the interview**

Audio Transcribed: Section 2-Start of the interview-Start Time: 1:13-EndTime: 1:34: Hi, hi, yeah. Welcome to Tech Shift F9. It's great having you on the podcast. Thank you. My pleasure. I'm happy to be here. Well, first of all, congratulations on having the perseverance and drive to get to do what you probably want to do all along. And right for an audience that is so crucial and important for sighted, young people. So I've read that you've been toying with the idea of writing a book for a while now, but

ChatGPT Image Description (Response):An abstract image for this conversation could be a microphone on a stage, with colorful sound waves emanating from it and reaching out to an audience. The center of attention is the microphone, representing the podcast host and guest's discussion.



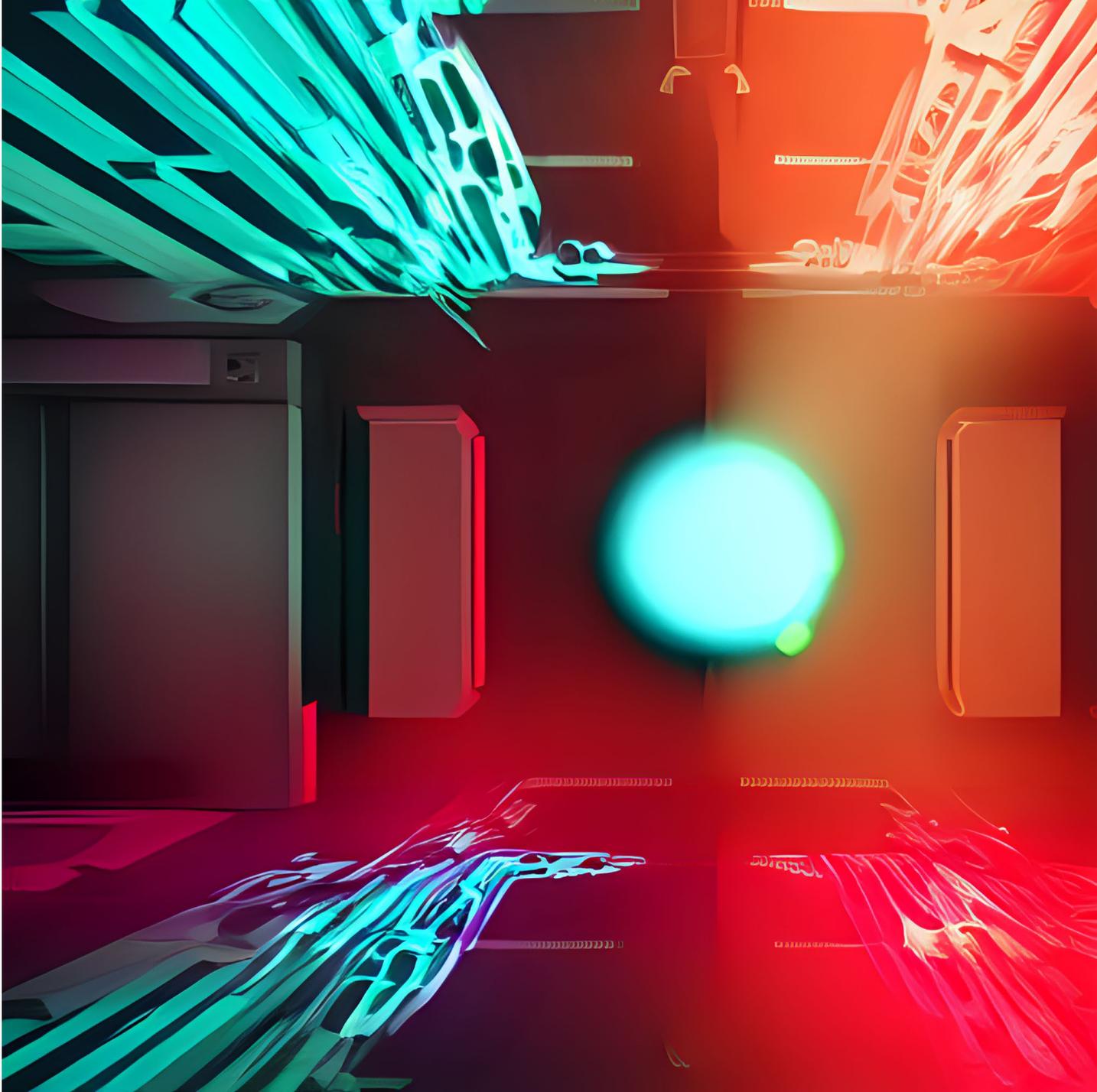












## Section - How Chaya began her writing career

Audio Transcribed: Section 3-How Chaya began her writing career-Start Time: 1:34-EndTime: 3:02:  
for a while now, but how did you actually make it happen? - That's such a great question. I had wanted to write this book for a very long time because my husband and I kind of joked about it. And the running joke was that, you know, whenever our kids are really driving us crazy and they're just not listening to anything, we're asking them to do, we were choosing not to get angry and to make a joke out of it instead. And the joke was, you know, one day when these kids are all grown up, to visit them in their house, and we're going to do all the crazy stuff that they do in our house in their house. So like, we're going to eat with our mouth open at the table, not all the food, just drop where it may, things like that. And then my husband always said, you know, you should write a book about that. And I always said, oh, yeah, yeah, I'll write a book about it. And then I was working as the director of communications for a small nonprofit, and I was feeling like incredibly unfulfilled and really unhappy with the work that I was doing. It wasn't that I was bad at my job. It was just I wasn't enjoying it. It didn't bring me any gratification. And one night, I was sitting at my laptop and I realized, hey, you know, I've want to try this book for so long. And I actually threw this job, finally have the skills not to just write the book, but to illustrate it too. What if I actually did it? What if I did what I said I was going to do? And actually write this book. And so I did. And it's It's been wonderful.

ChatGPT Image Description (Response):An image of a pen and notebook on a desk with a light shining down upon it. The pen is poised, ready to write, and the notebook is blank, waiting for inspiration.





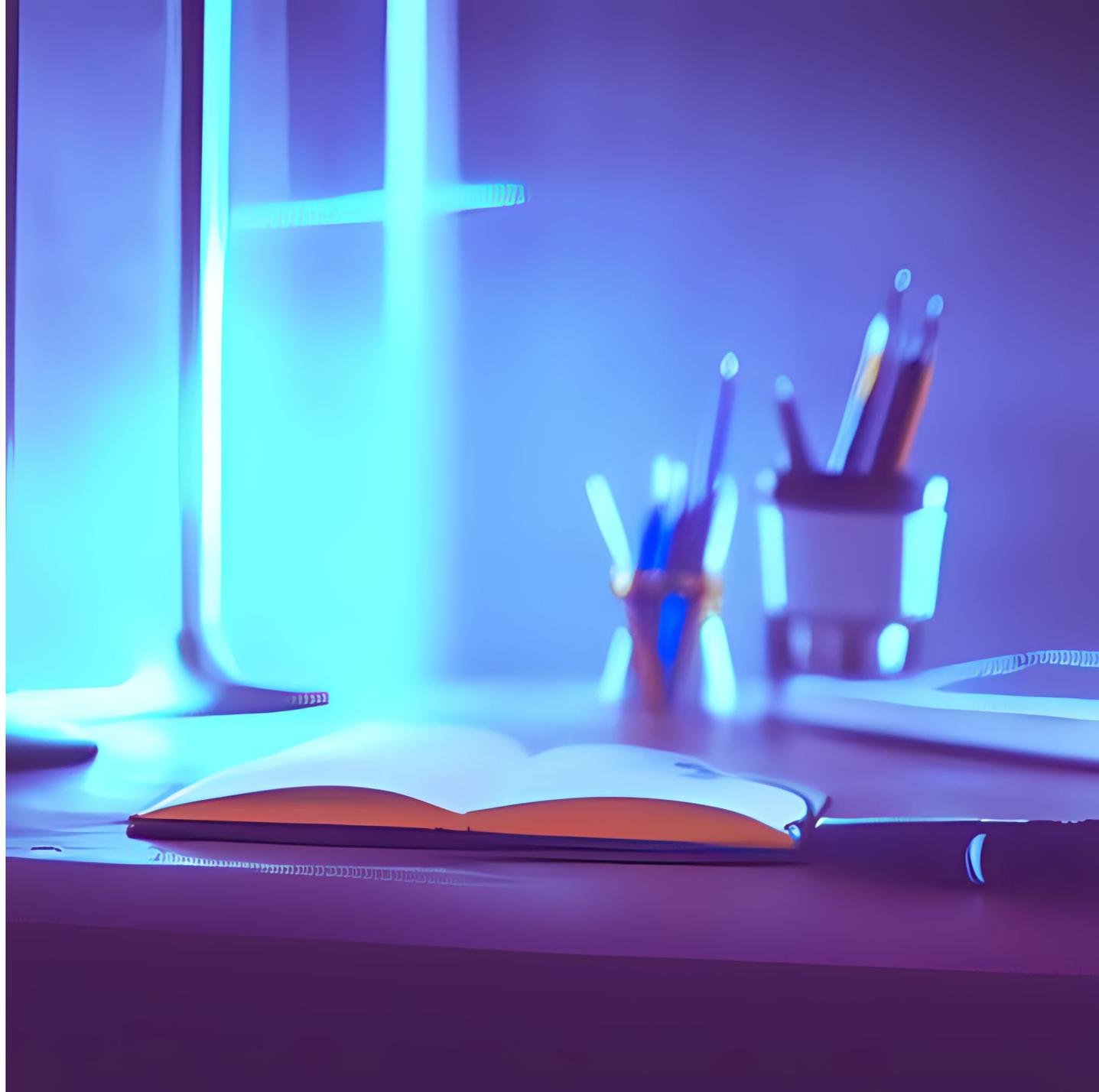










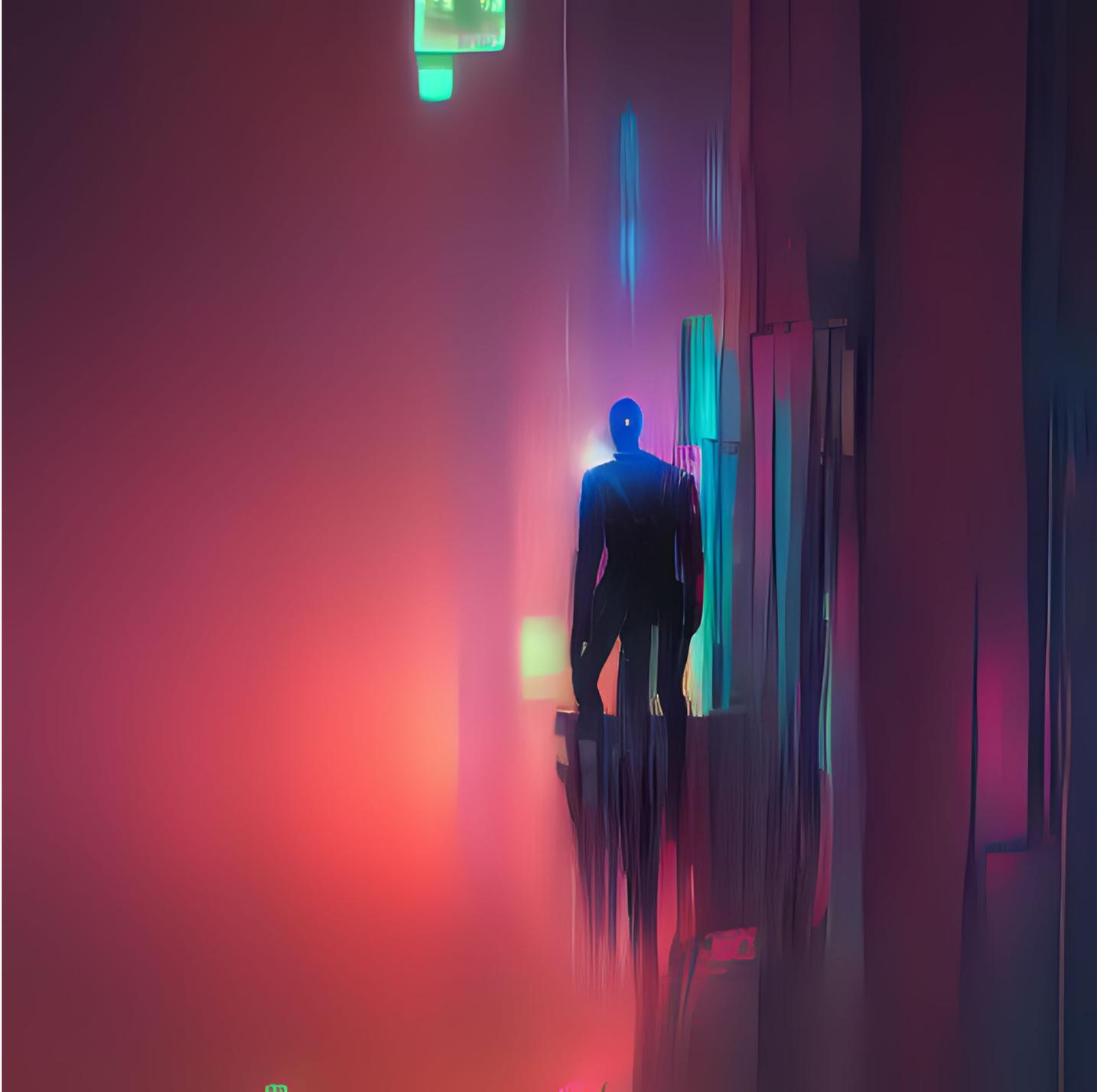


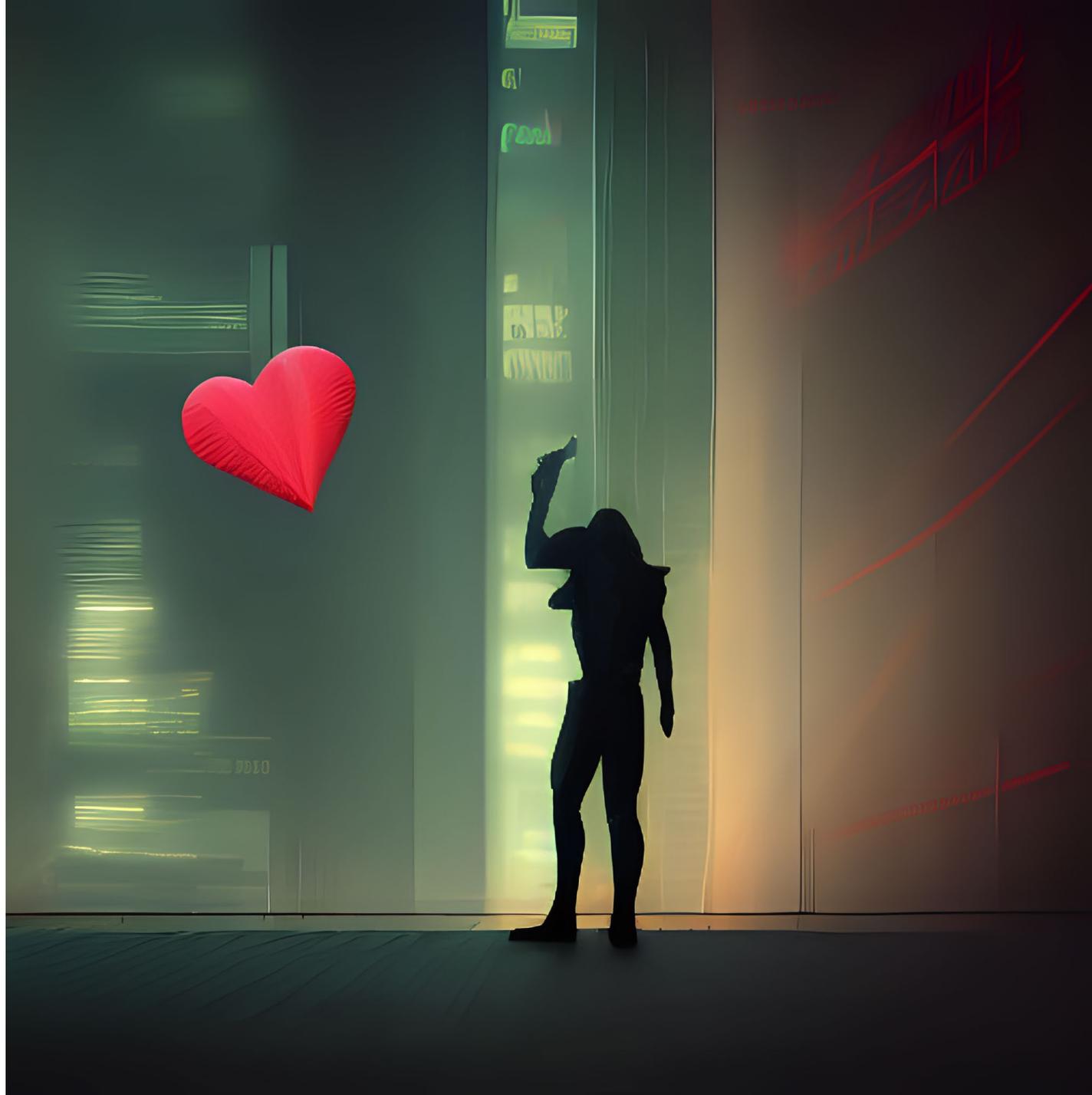


## Section - Mental approach to starting a whole new career

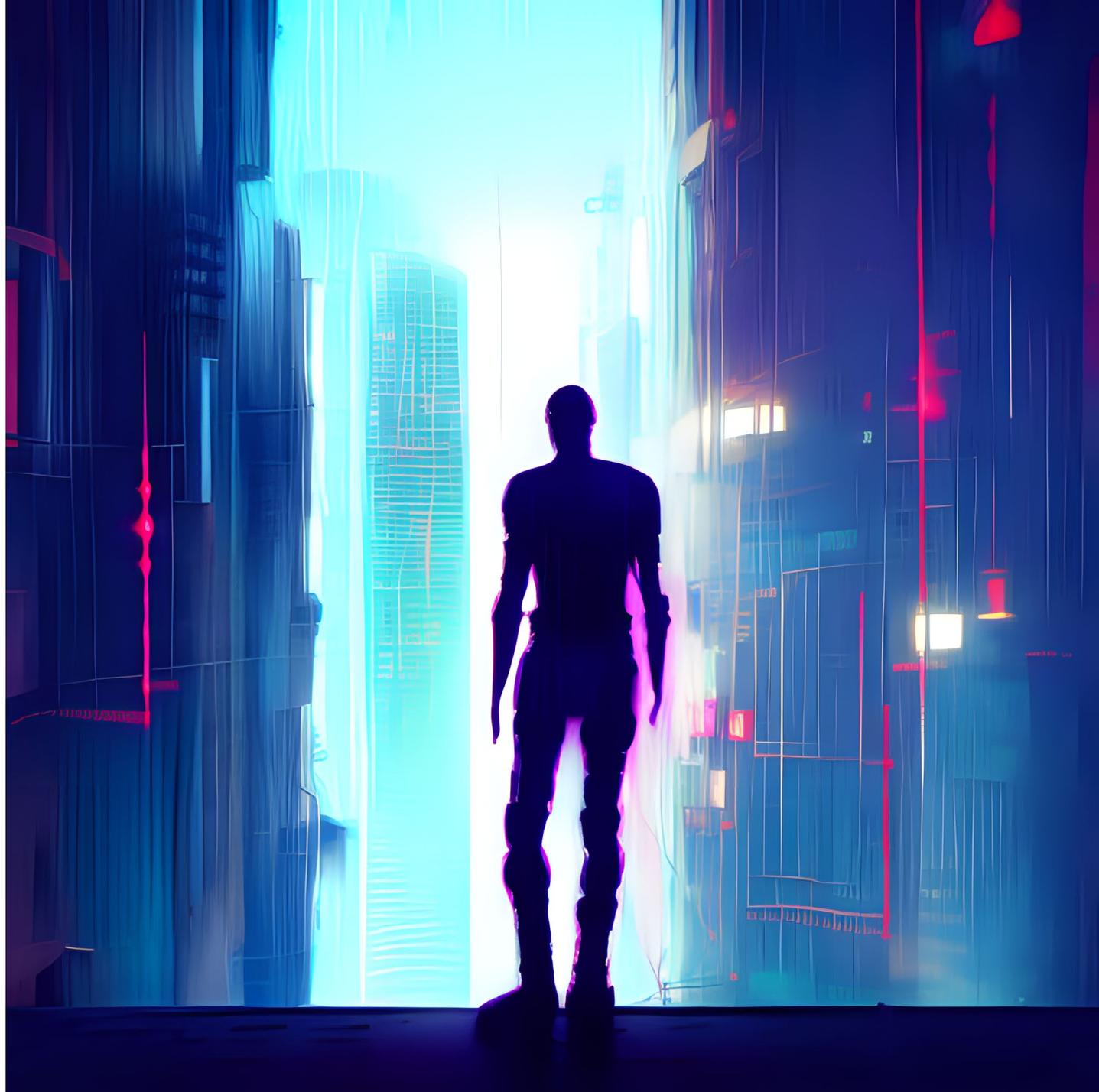
Audio Transcribed: Section 4-Mental approach to starting a whole new career-Start Time: 3:02-EndTime: 4:47: How did you go about mentally taking it perhaps from a side project or a fun thing to do into actually making it part of your career? So that part was really hard because I was making a decent living as a director of communications and when I wrote the book and I finally actually did it, I realized how much happier I was and how much more fulfilled and how I actually wanted to sit down on my laptop instead of the feeling where I was dreading coming to sit down on my laptop every day. Writing the book made me feel really good about doing this work. And I thought to myself, this is what all those people were always talking about when they say that if you love your job, it doesn't feel like work. I was like, wow, I'm finally doing something. And it doesn't feel like work. And I've been so unhappy with that job that I finally just said to myself, let me give this a go. Let me see if I can make a career out of writing and I just took that leap. And I'm very lucky because I have a supportive partner who's willing to fund this adventurer of mine, but it's the first time that I felt happy to fill that work and I needed to get in the headspace of realizing just how unhappy I was in order to find work and something in life that could bring me joy again. That makes so much sense because I think it's easy to get stuck in our ways and keep doing what we're doing just because we're a little bit afraid of taking risk and it's great to hear you have extremely supportive partner that can help you with that process. And I think what that leads me to ask is

ChatGPT Image Description (Response):An abstract image for this conversation could be a person standing at the edge of a cliff, looking out into the vast unknown. They have a parachute strapped to their back, ready to take the leap and embrace the uncertainty. The parachute represents support from loved ones and the willingness to take risks for personal fulfillment.

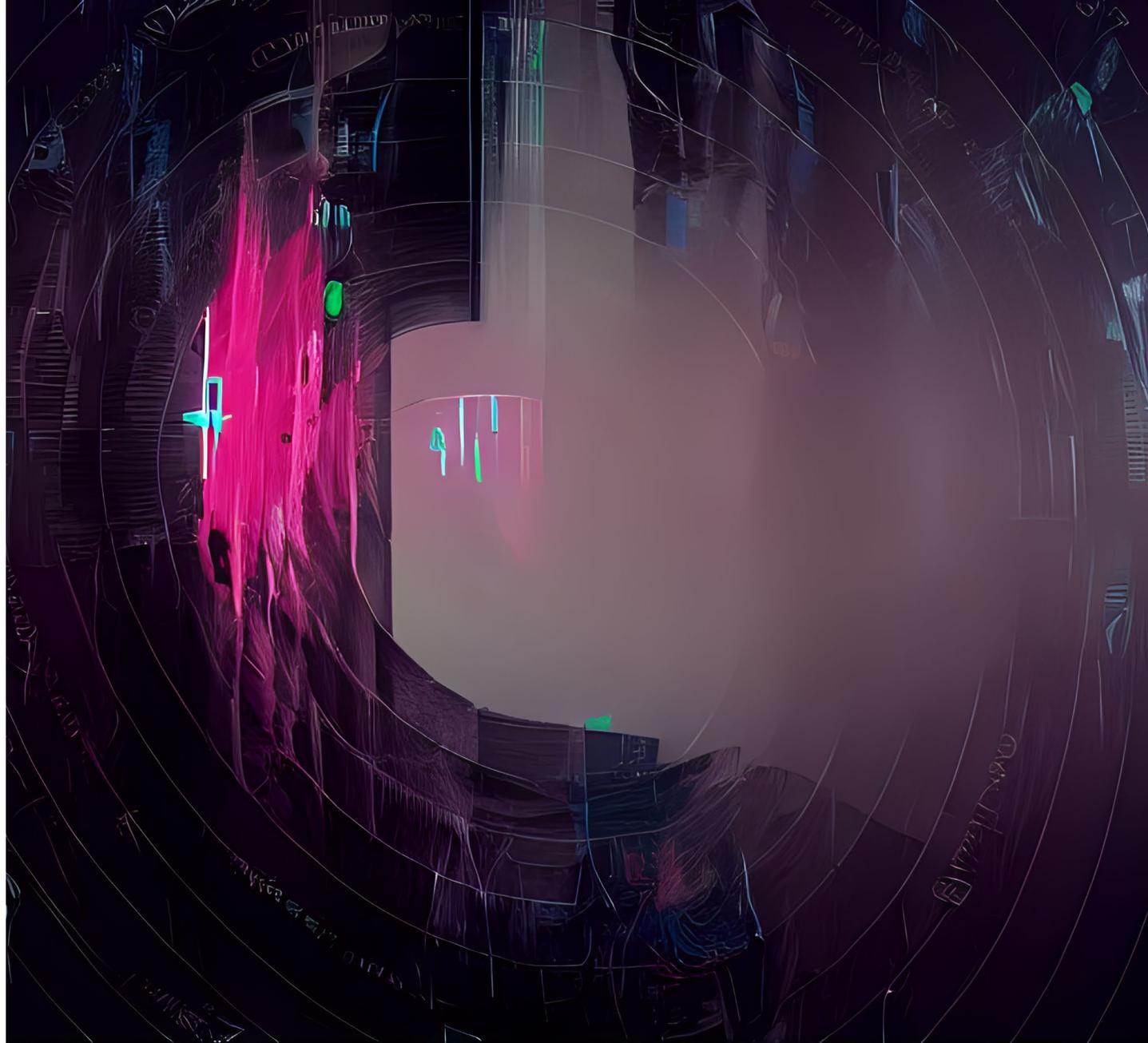














## Section - Was writing always something you wanted to do?

Audio Transcribed: Section 5-Was writing always something you wanted to do?-Start Time: 4:47-EndTime: 6:30: is did you always feel that writing was something you wanted to do, but it seems like you started more as I said as a joke, but did you have that talent in you or did you develop it as you were actually starting to do this career? So that's such an interesting question. I've been asked this before and I thought about it a lot and this is kind of how it came to be. I never knew that I wanted to be a writer, but I wrote a lot for work as you know in communications and in branding and marketing and product development, which are all the kind of career paths that I've had, I've had to write. And I've had to write well and creatively. And so in the back of my mind, I always thought about writing books. I always had different ideas for books, but I never really embraced that I could be a writer. And it wasn't until this, you know, joke that, and I actually wrote the book that I realized, oh, I could be a writer, and it's just exploded since then. So I already have a second book out, and I have another four in the works. So it's just kind of, I guess, always been in me, and I just wasn't able to access it. It's great to hear that you've unleashed the waterfall of creativity. And because we often hear about how important, even in this podcast with some other guest, how important it is to plan your career to line yourself up with the skills transfers. But you had the skills along, you probably didn't realize it, and you just took that upon yourself to put them into different use, which is wonderful to hear. Hi, this podcast

ChatGPT Image Description (Response):An image of a hidden treasure chest, filled with various writing tools and supplies, waiting to be discovered and unlocked. Surrounding the chest are scattered pages filled with ideas and inspiration for future books.













## Section - How technology is impacting Chaya's writing career

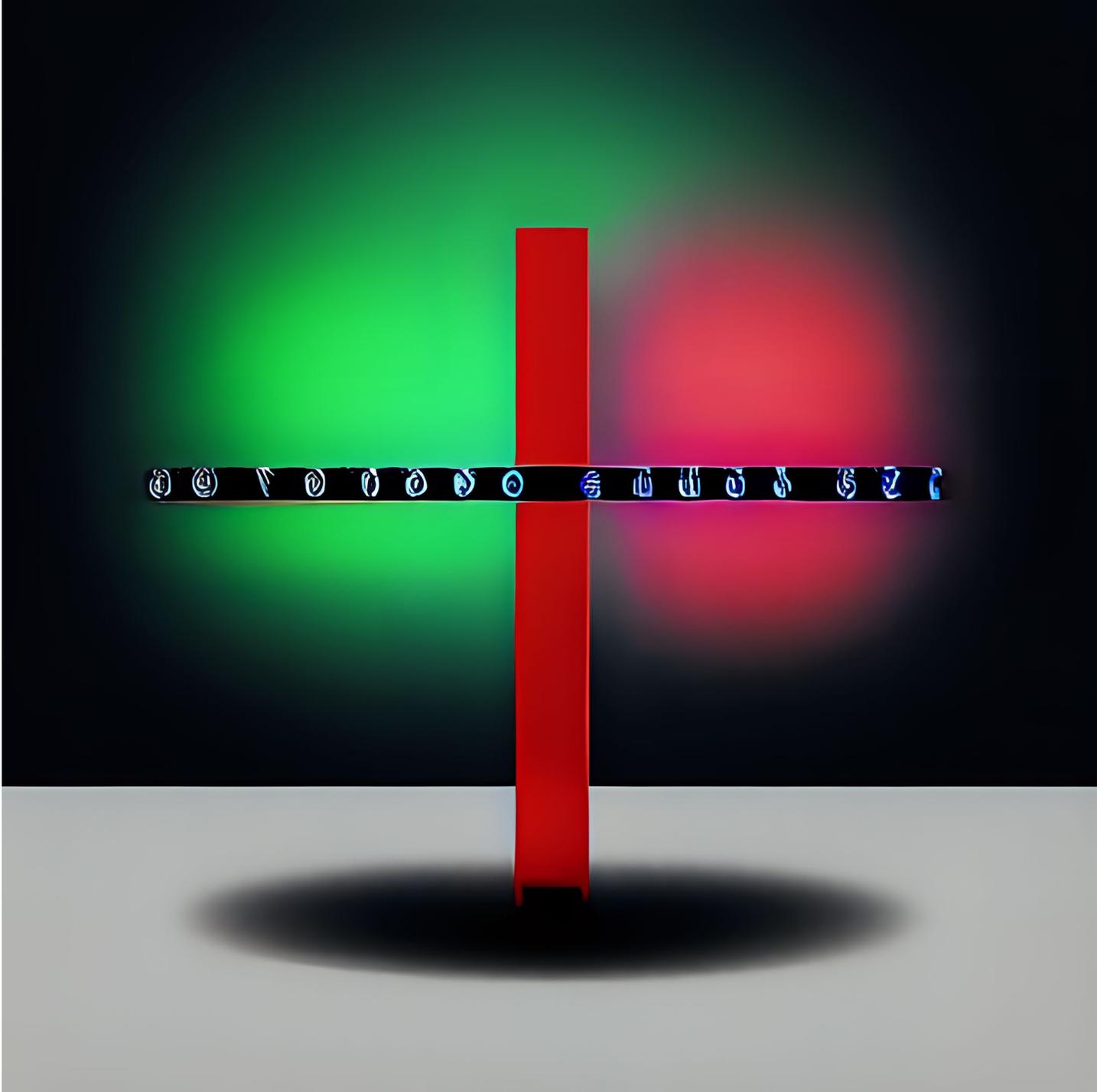
Audio Transcribed: Section 6-How technology is impacting Chaya's writing career-Start Time: 6:30-EndTime: 8:50: - Yeah, this podcast, as you know, is focused a little bit on technology and career transitions. And I think book writing and writing in general is one of the many fields that with the arrival of some new technology like generative or deficient intelligence, we're potentially seeing a bit of a game changing situation could be quite disruptive to creatives like yourselves. Do you have any thoughts on that? - I do. I am going to tell you that I do enjoy AI and that for one of the books that I wrote, not any that are published yet, for one that I'm looking for publisher, I used AI in order to generate images and that was incredible. Like it was a really incredible experience because, you know, I'm paying, let's say, \$10 for a thousand images. I could never pay a human being to do that. And so on one hand, it was wonderful for me as someone who can't afford to pay an illustrator. But then I look at it from an illustrator's point of view. And I think to myself, how unfortunate is that somebody, you know, many people are going to lose their jobs because this is so cheap and so easy. And so I have very mixed feelings. On one hand, it's so beneficial for me. And on the other hand, it's, you know, so disruptive. And so frightening for people who are creative and who draw and who write and what are they going to do now with this system that can just do it in seconds. So I very mixed feelings about it. - Fair enough. I think that generally will need to have people that perhaps have focused on lower, I would not say lower quality work, but more run off the mill jobs. approaches to having to raise their game a little bit. And I think there's always going to be a space for quality. There's always going to be a space for talent to shine through, but perhaps the ability to produce very quickly a lot of drawings for the likes of yourselves, it makes more sense to do through a tool. But I was wondering, can I take

ChatGPT Image Description (Response):an abstract image of a balance scale with AI technology on one side and creative talent on the other. The scale is slightly tilted towards the AI side, representing the potential disruption to creatives, but also acknowledging that there will always be space for quality and talent to shine through.

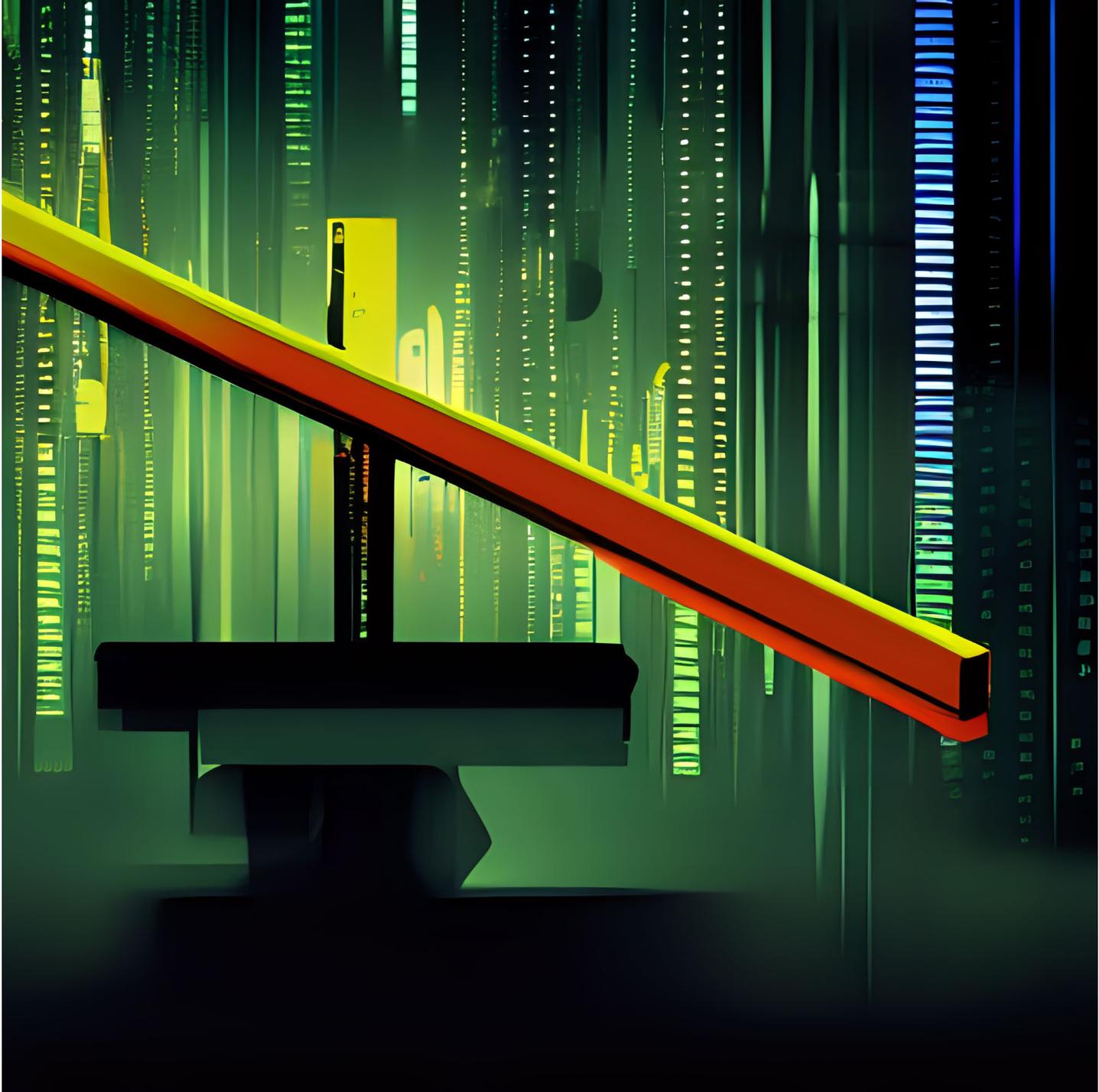










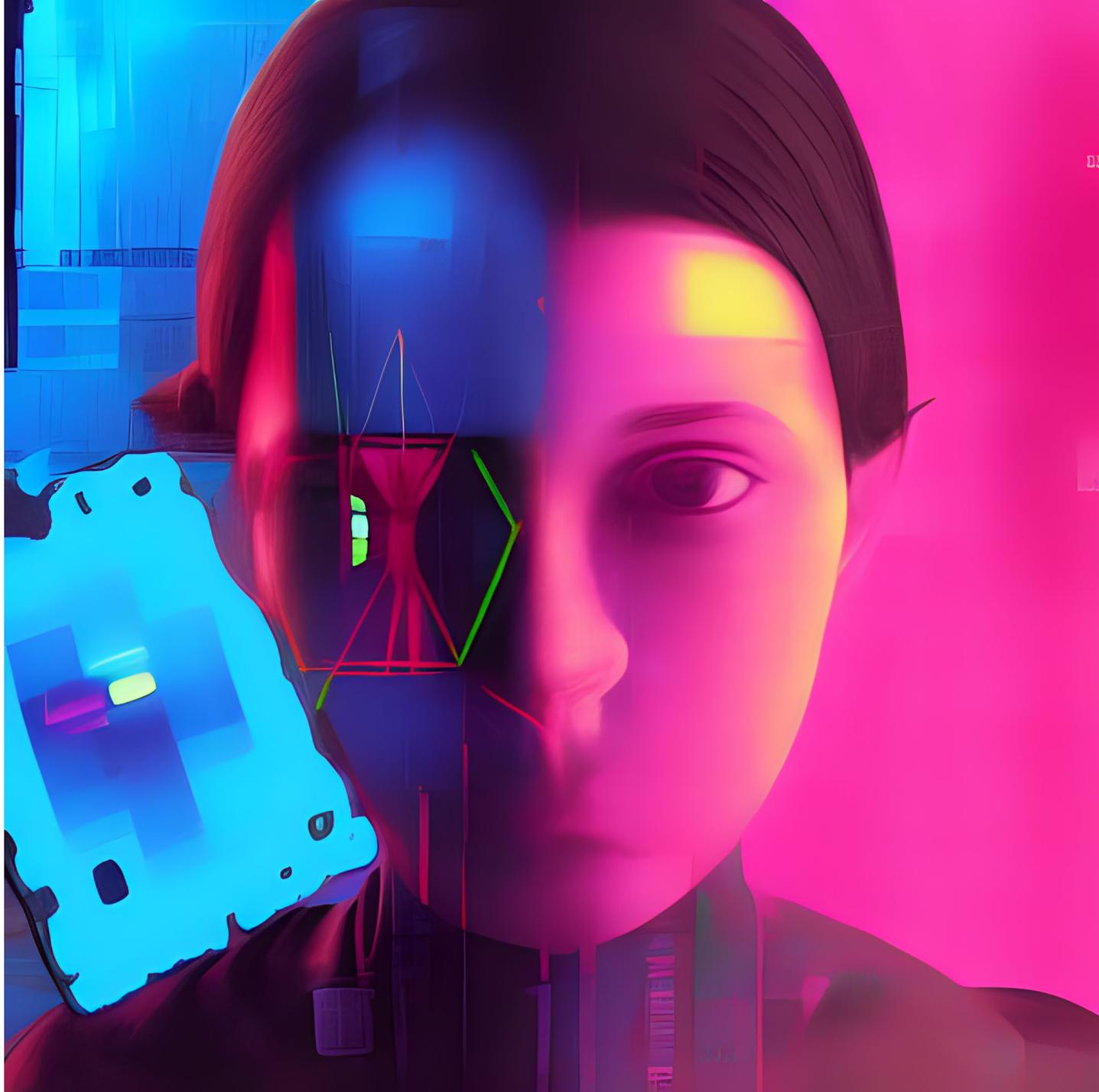




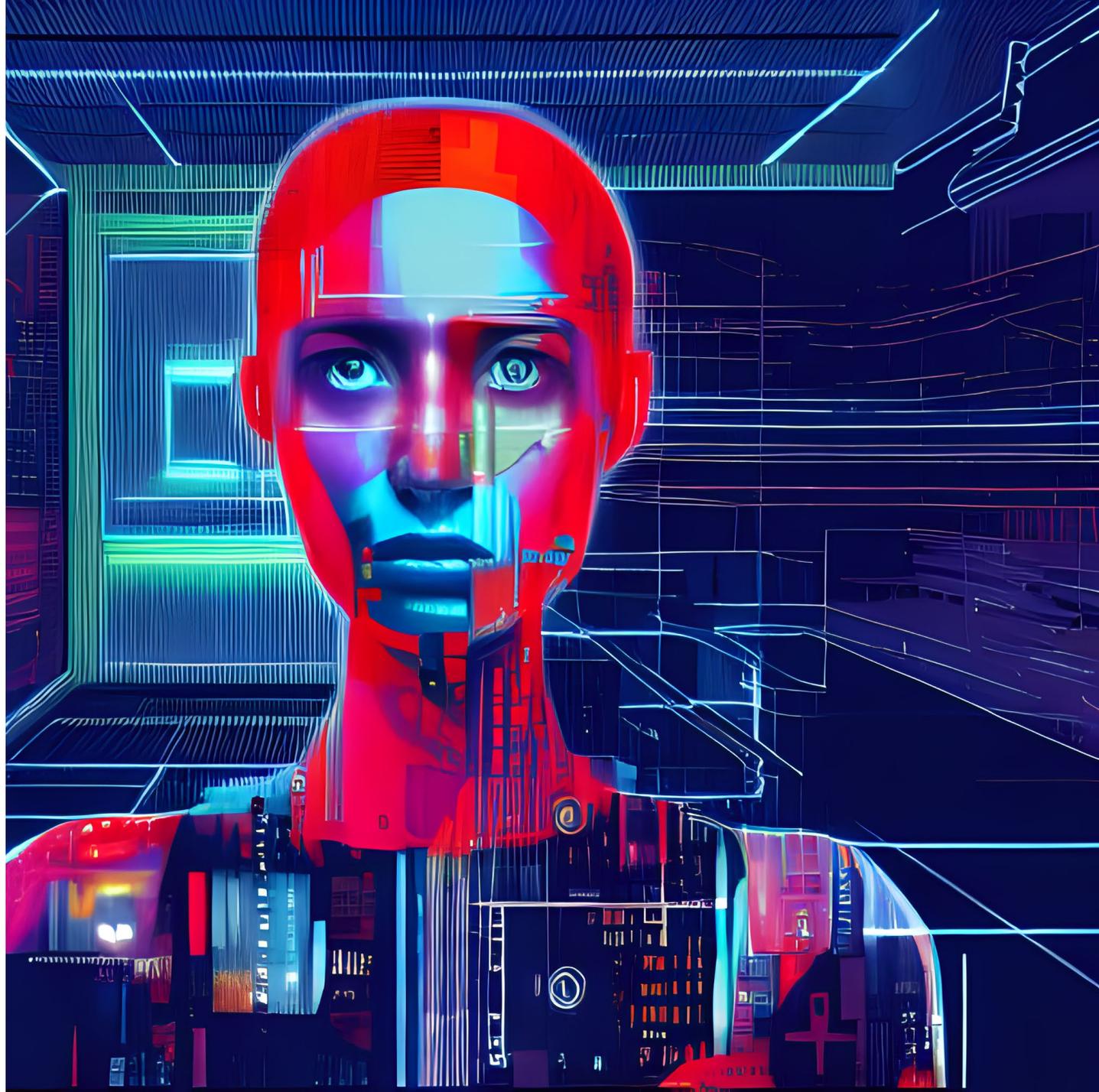
## Section - Discussion on Artificial Intelligence and the tools used by Chaya

Audio Transcribed: Section 7-Discussion on Artificial Intelligence and the tools used by Chaya-Start Time: 8:50-EndTime: 14:30: - I'm just wondering, can I dig into that a little bit? I mean, what tool have you been using if you don't mind sharing? - The tool that I've been using is called Dream Studio. And I actually did a lot of testing of the different AI platforms that generate images. And I tested five different ones, including Dolly and I don't remember the names of the other ones offhand, but I tested them all to kind of see if they could produce the kind of images looking for and Dream Studio, even though it's a pay for service, you really get closer to what you're asking for with less issues. So AI generated graphics have a lot of very strange issues and they have them across the board. So every program I tested has these same strange irregularities. So for instance, in all of these programs, when they are drawing a person the eyes will not match up. Sometimes they will, sometimes they won't, but often the eyes are irregular and one eye will be big and one will be small, or one will be closed, one will be open, or one eye will be brown and the other will be blue. This is like super common and it's just must be something that they haven't figured out yet. And then AI has a really hard time with hands and arms. So you'll get hands with multiple fingers, are not enough? fingers or extra arms or extra hands. And it's just like totally bizarre. So it's something you kind of have to play around with and work on to try to get right. Totally. I mean, it sounds a little Picasso to me in general, but I've recently been playing with stable diffusion. And what was interesting is you actually have to go and download different models to opt mice for photos. And what was actually interesting for me is to try the same prompts across models that weren't optimized for those prompts. And the results were absolutely hilarious. You can see how a lot of people worrying about AI and how it's going to take care of things. But if scraping through the surface and digging into a little bit deeper, you can see that it's still such an early stage where you have to have such specialized tools to actually do anything that is decent as you were saying right you had to choose across so many so I think it's still good for a little while But I love how we delved into technology, but I want to bring it back a little bit to I think the core audience for your books, which are children and I'm paired myself I have three boys and as parents We always have this idea that technology is bad for for our kids, whether they spend too much time looking at screens, they don't socialize in person enough, or that social media pushing stereotypes or wrong images to them, so forth and so forth. However, I cannot help but feel that our kids will grow up and work around the back technology by much more than we were growing up. And so in your experience, raising children and young adults, I'm actually writing for them. How do you see the role technology and its use in their life? I feel much the same way that you do. So I have three girls. They're 12, 10, and 6. And I'm a big proponent of limiting screen time. As much as possible, my kids are allowed to watch a half hour of educational programming every day after they finish their homework. And I also allow 15 minutes of game time. game time could be playing chess against the computer, or, you know, any of the games that are not, I guess, war games. I allow, and I don't allow any social media for them whatsoever, because especially for girls, and I don't know how it is really for boys, but there's been so many articles written about how detrimental social media is specifically for girls and promoting body images that they can't find a chance There's a lot of bullying and that social media for girls is really, really destructive. So I limit that completely. But like you said, I know that when they get into the workplace, they are going to have to interact with technology. So along those lines, they do take, you know, typing classes. And for school, they each have a laptop and they do their school work on their lives. and there's nothing I can really do about that. I know it's just necessary. And that's the way this world is progressing. So I fight it where I can fight it and I just let it go where I know that I don't have control. - That's great insights. In terms of your book writing, one thing I noticed is that as I'm growing up, particularly in the last few years, it's really hard to read a book. We're so used to having it on an iPad or snippets through just surfing on the web rather than actually sit down with a physical book. But you're writing for young children and you're sort of helping them appreciate reading and the patience that it goes with reading.

ChatGPT Image Description (Response):The abstract image depicts a person using different AI platforms to generate images, but experiencing strange irregularities like mismatched eyes and extra arms. The conversation then shifts to the role of technology in children's lives, with the speaker advocating for limited screen time and no social media. However, they acknowledge that technology is necessary in the modern world and their children are learning typing skills and using laptops for school work. Finally, the conversation touches on how the author's books help children appreciate reading and develop patience.

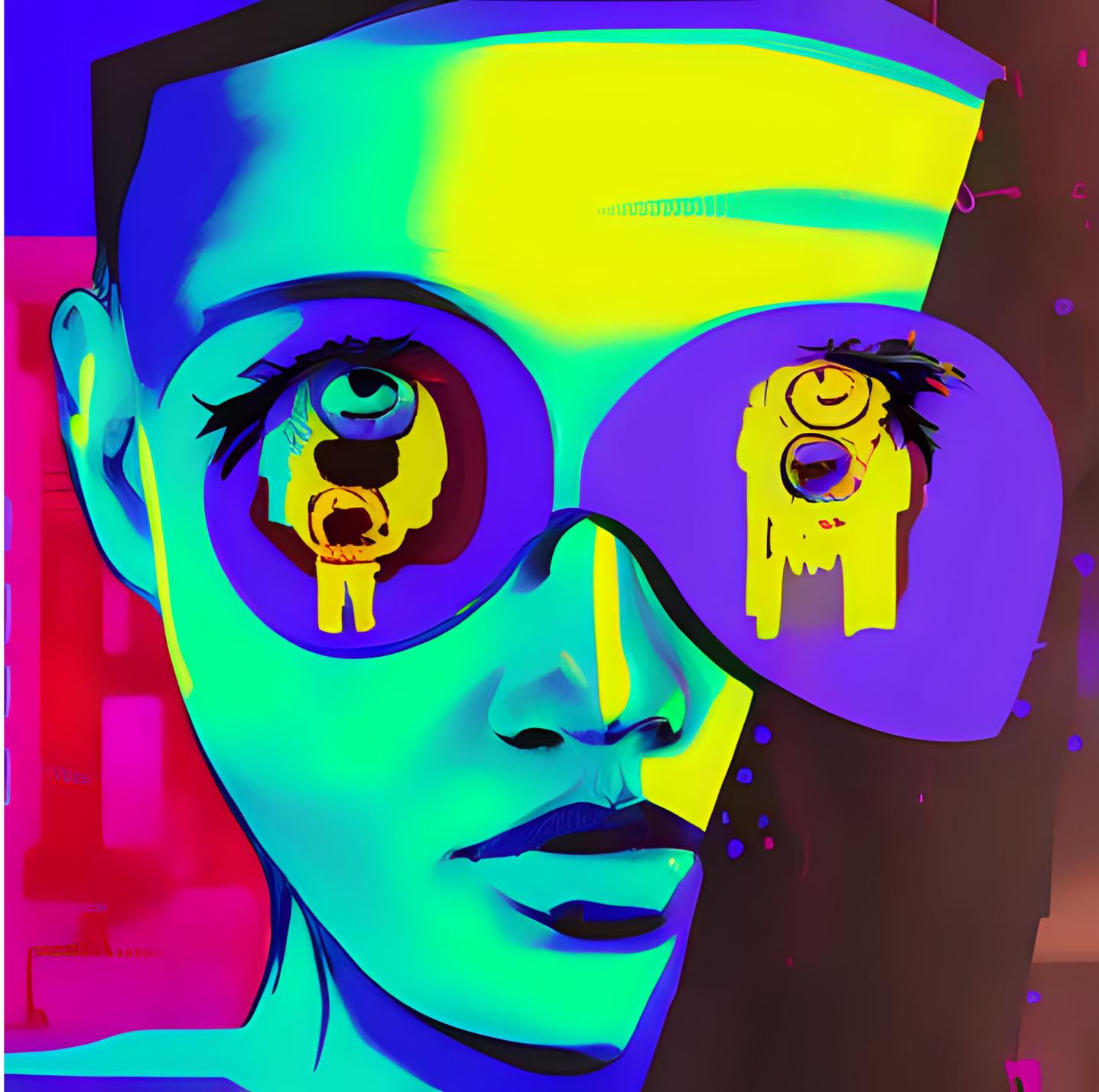


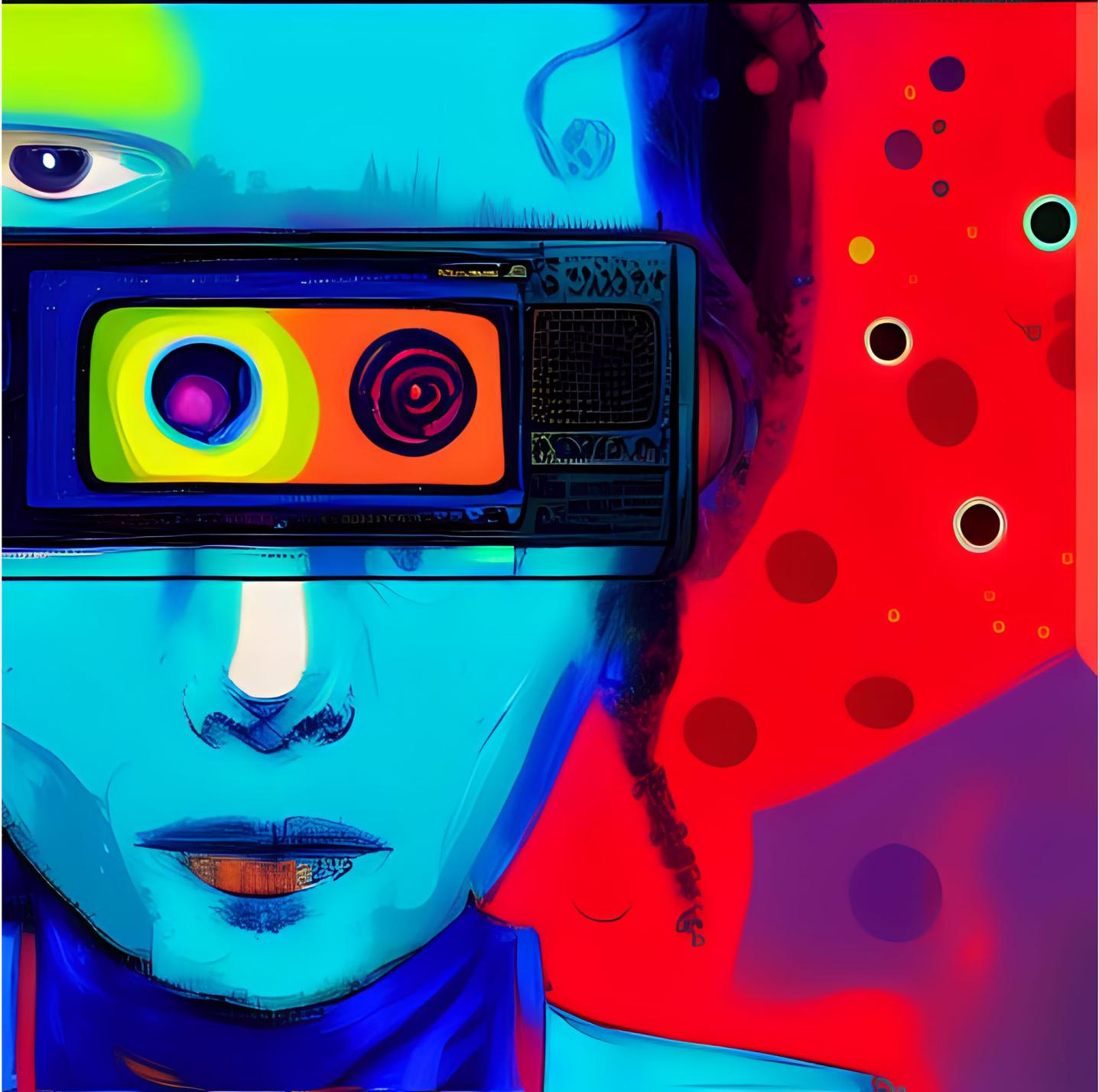












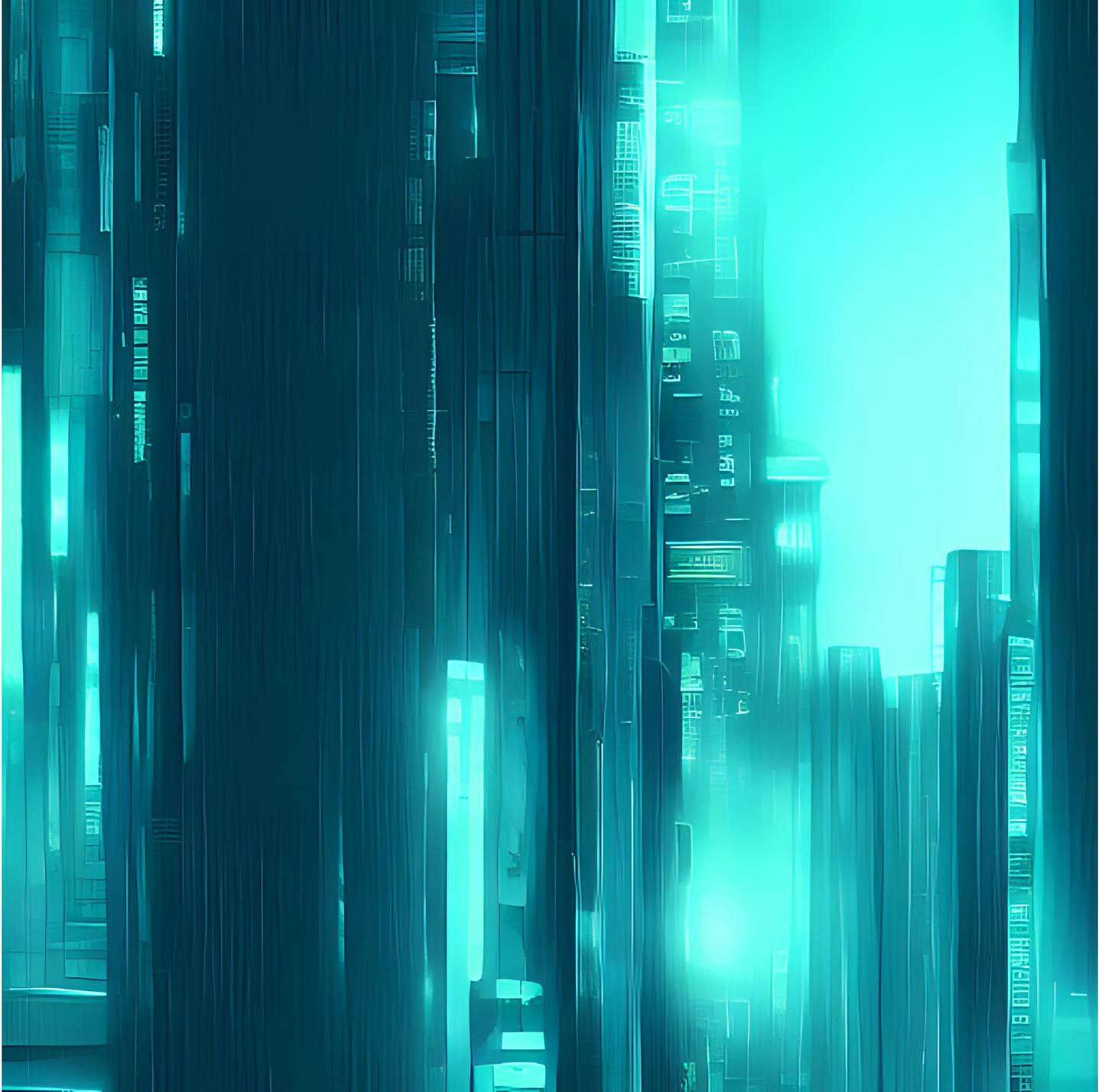


## Section - Best media for books

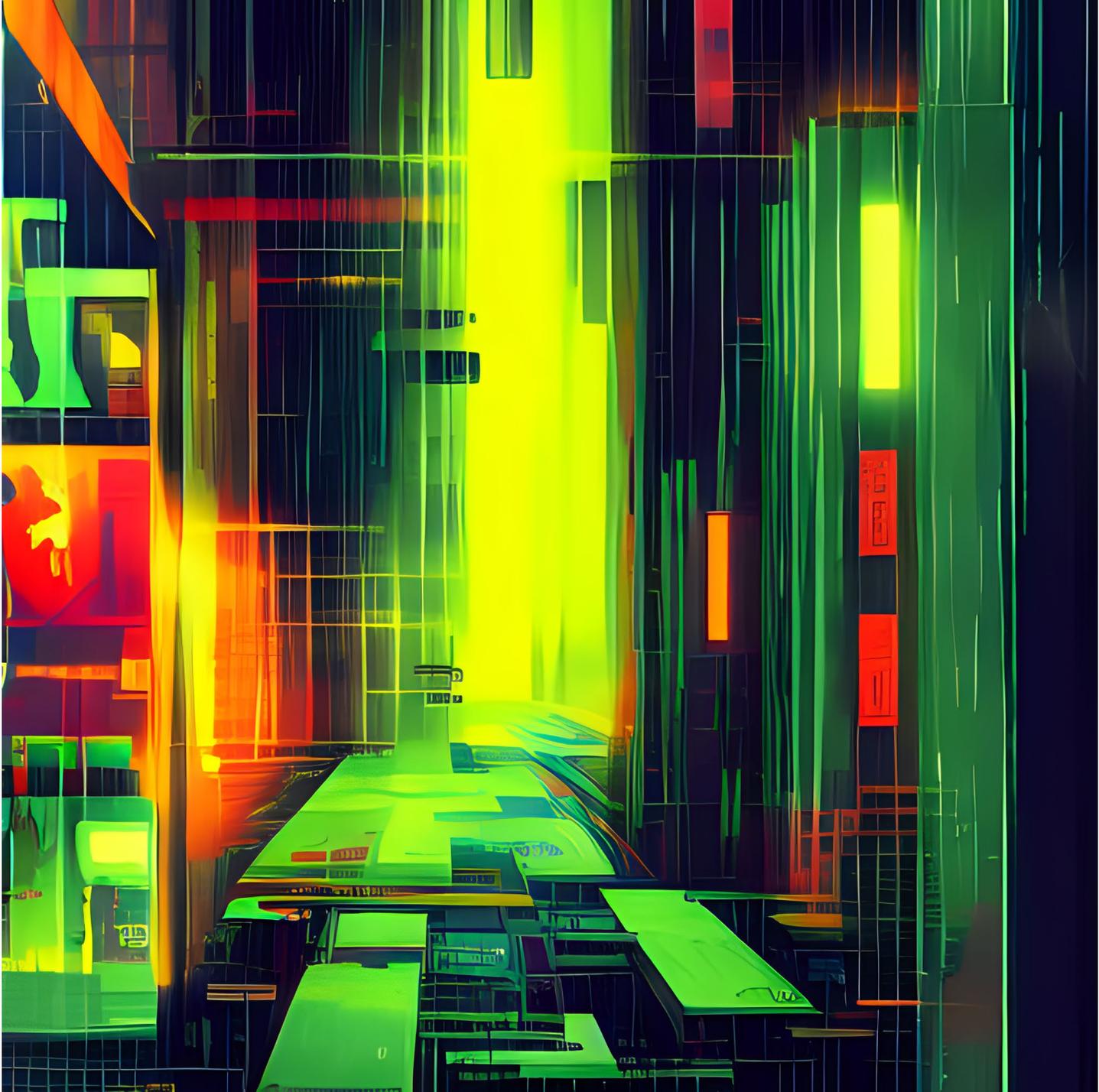
Audio Transcribed: Section 8-Best media for books-Start Time: 14:30-EndTime: 15:45: reading. But when you're put it, you know, thinking ahead about writing a book, are you thinking about delivering it by a different media or for you it's still a physical book that needs to be, you know, handled by a reader? So I love paper books. I always will. I, you know, you and I are a generation of people who read paper books. And so I still love it and I buy books for my own children pretty regularly, I would say, they have hundreds of books. And I wrote it to be a book for parents to read to their children. I think that reading to children is so vital to them learning how to read themselves, and it also creates such a warm sense of bonding. And so that's how they were intended. I also released my books as Kindle E-Reader books. I know that, you know, it's what I have to do. certain people are only buying books that way. And so I did make them available in that medium. But my thought process going into, you know, writing was that this would be a book, a physical book that a parent would read to a child. That's great. And looking now a little bit about

ChatGPT Image Description (Response):An abstract image for this conversation could be a book with both physical pages and digital pages, symbolizing the author's willingness to cater to different preferences in reading media while still valuing the traditional experience of reading a physical book.



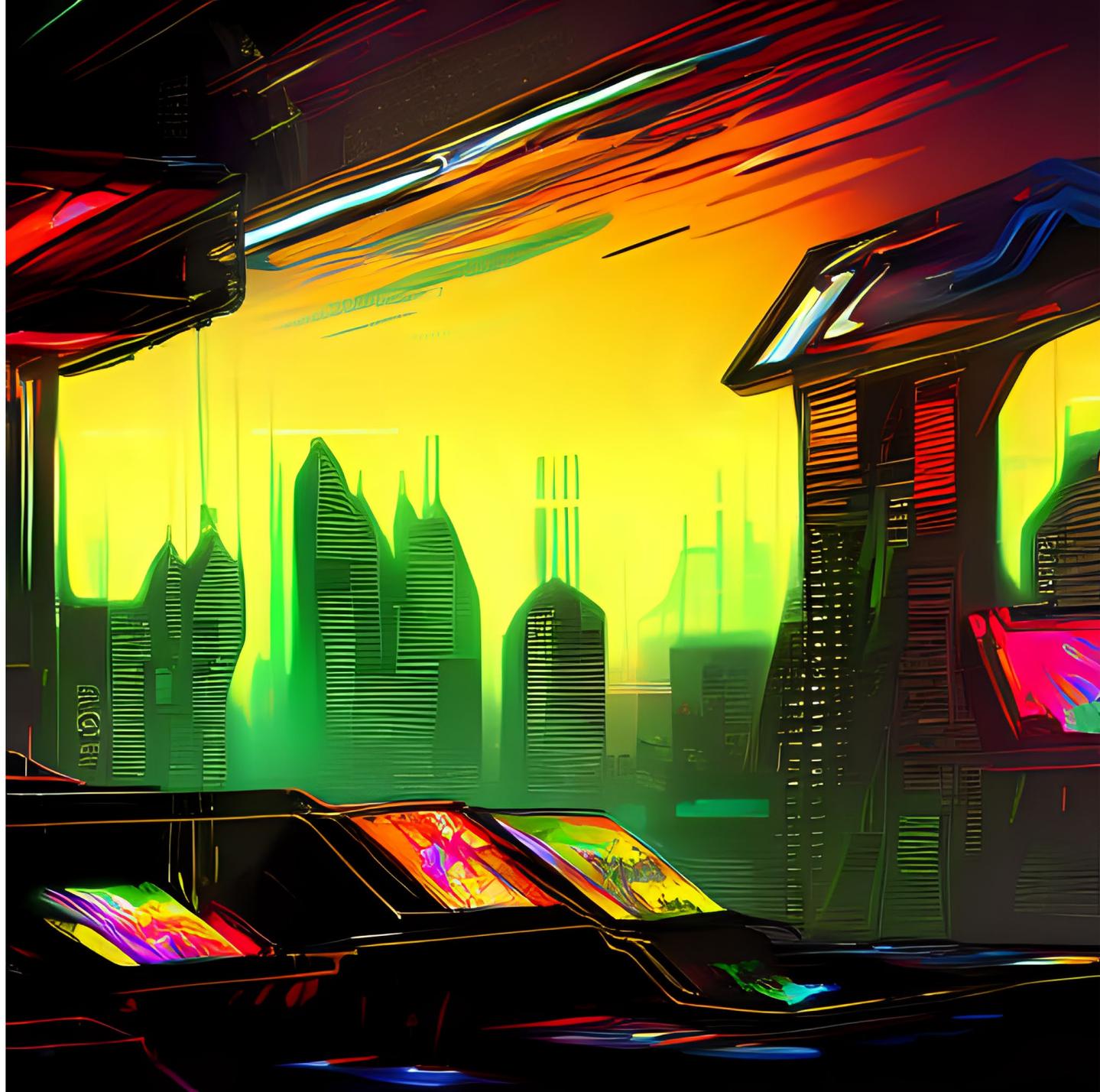












## Section - The entrepreneurial aspects of being an author

Audio Transcribed: Section 9-The entrepreneurial aspects of being an author-Start Time: 15:45-EndTime: 17:53: about again, you specifically in this career transition and how you handle that. Once you write a book, that's really the beginning of the process in a sense, right? Then you have to go out and promote it, you have to go and let people know about what you're writing about and what you care about. How's that side of the business being or were you thinking, did you know that that was going to be your road I had when you started this journey? know that this was going to be part of the journey specifically because I had researched getting published versus self-publishing. Now I took the second route and I self-published two children's books. I have four that I've submitted to agents to be, you know, brought to publishers, you know, I don't know if I'll ever hear back from any of these agents. If you are an agent out there, please contact me. So I knew that going into this, if I self published, I was going to have to do all the promotion myself. And that's something that I have done. And it's the most time consuming and the most difficult aspect of writing a book, because the writing came very naturally and very easy and it was fun. And the promotion, you kind of feel like a rat on a wheel because you're constantly churning out content and putting everything you can out there and there's very, very little response. You know, I'm one person and I don't have a big following. So trying to get people to read and notice my book has been extremely difficult. - Well, I sympathize with that because this is something new for me as well in this podcast. And I'm trying to figure out ways to make sure people hear about it, whether they listen to it or not, different story, but at least I would like it to be there as an option. I wonder, well, that part of the business, so say that you're going through the, you know, the promotional side of it, as you just said, it's probably just as important as writing a good product or a good book in your case.

ChatGPT Image Description (Response):An image of a writer standing in the middle of a busy intersection, surrounded by towering buildings and billboards. The writer is holding up their book, trying to get people's attention, but everyone around them seems too preoccupied with their own lives to notice.















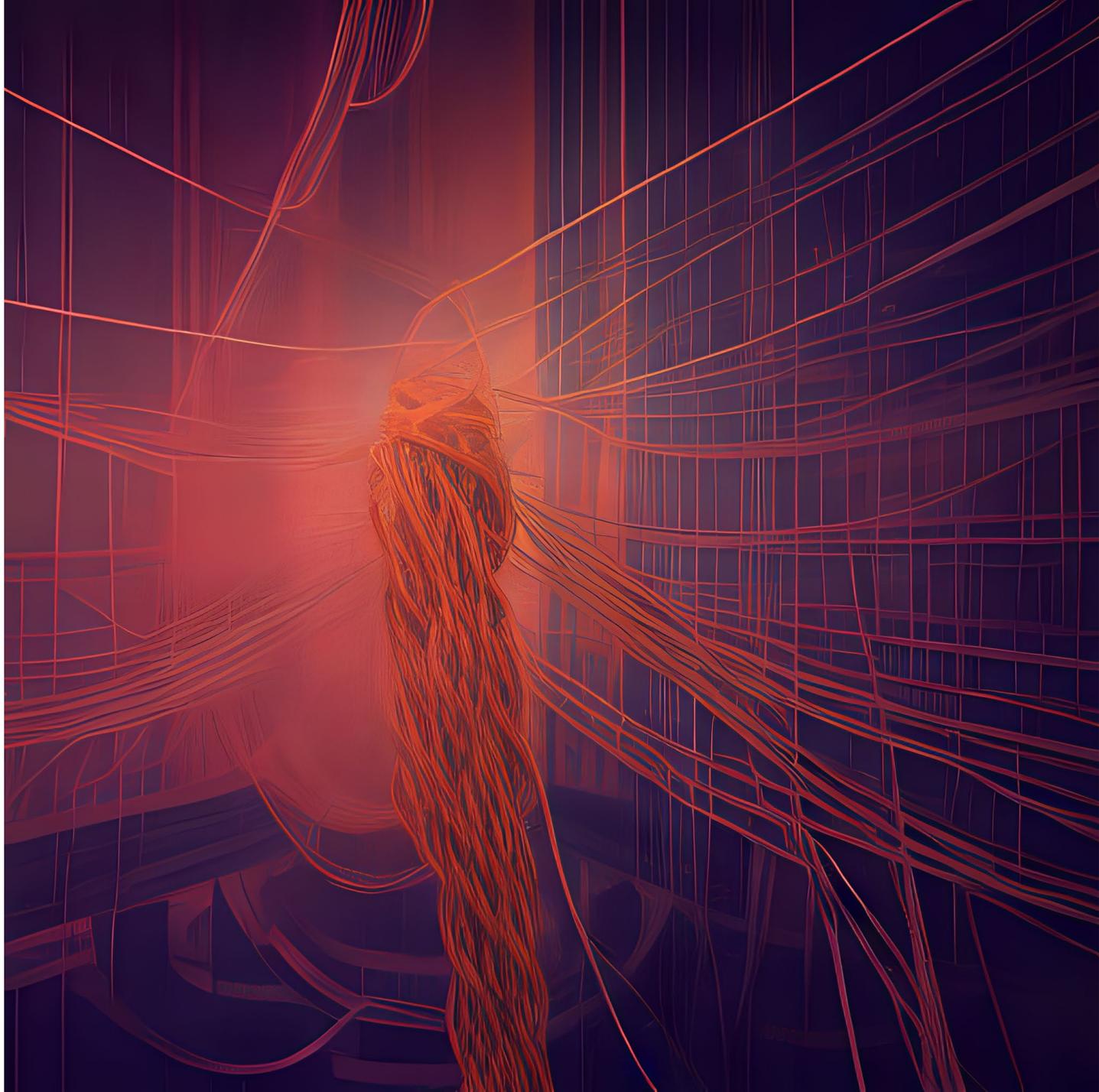


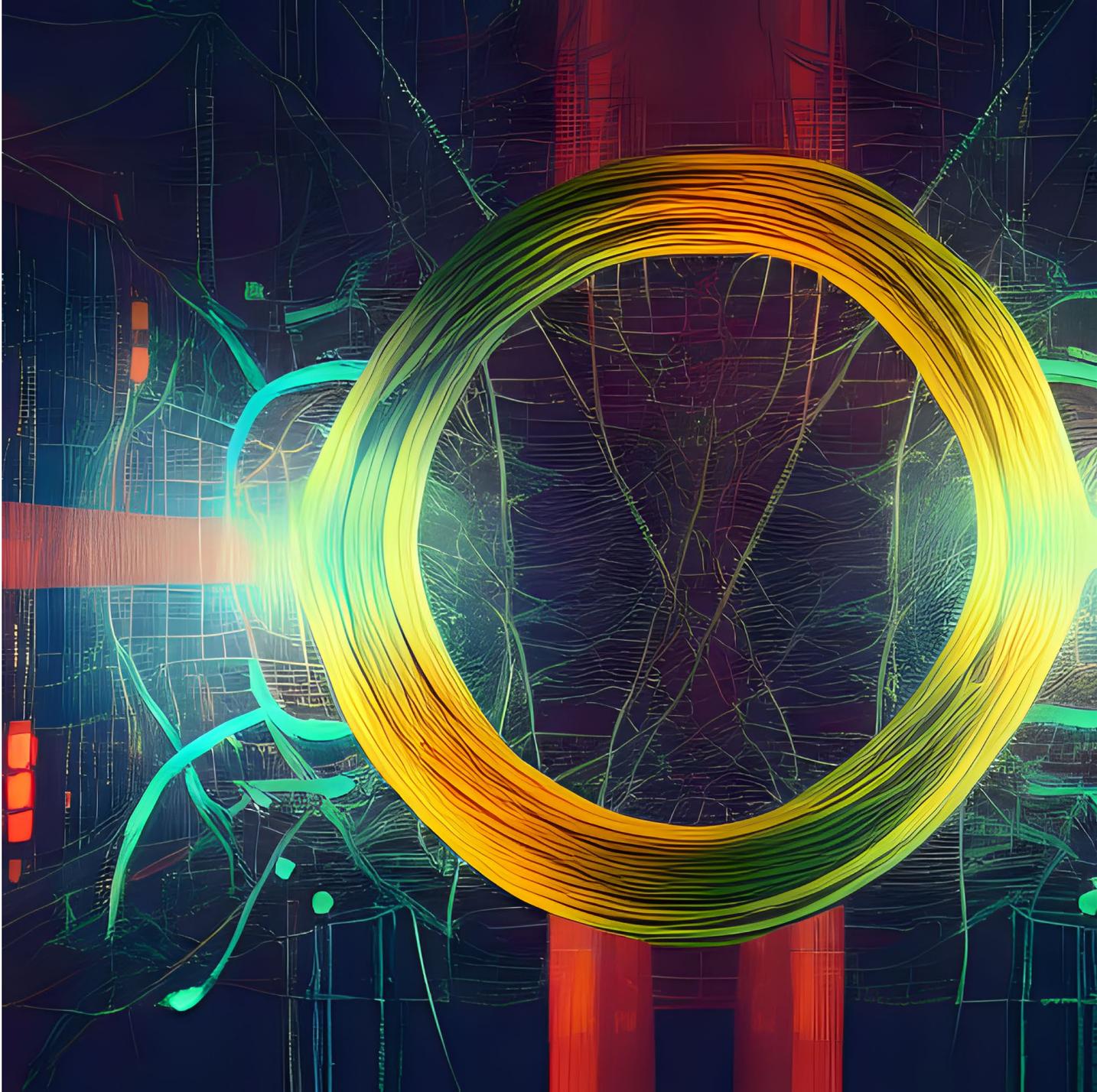
## Section - Experiencing a new industry after Chaya's career pivot

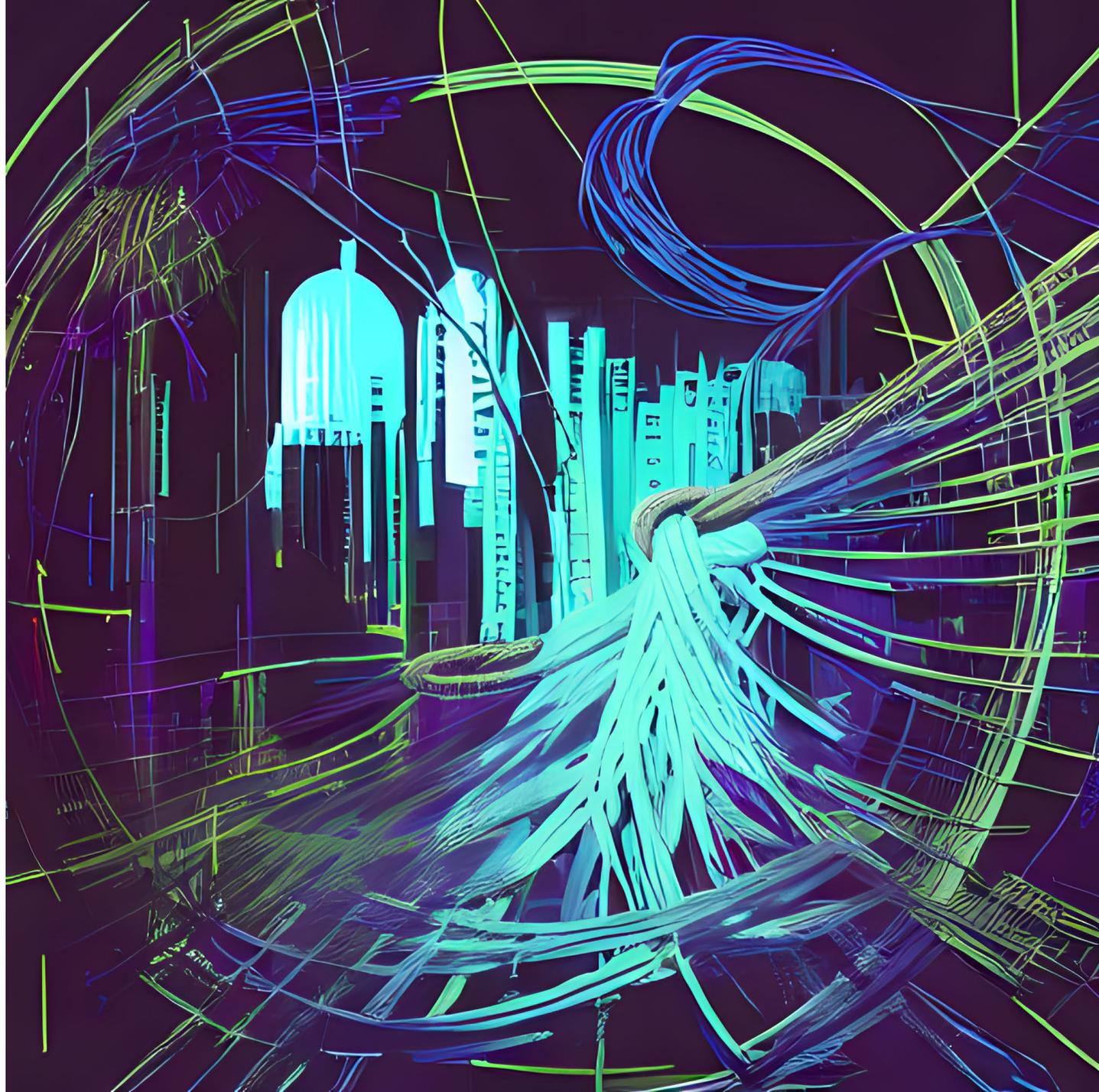
Audio Transcribed: Section 10-Experiencing a new industry after Chaya's career pivot-Start

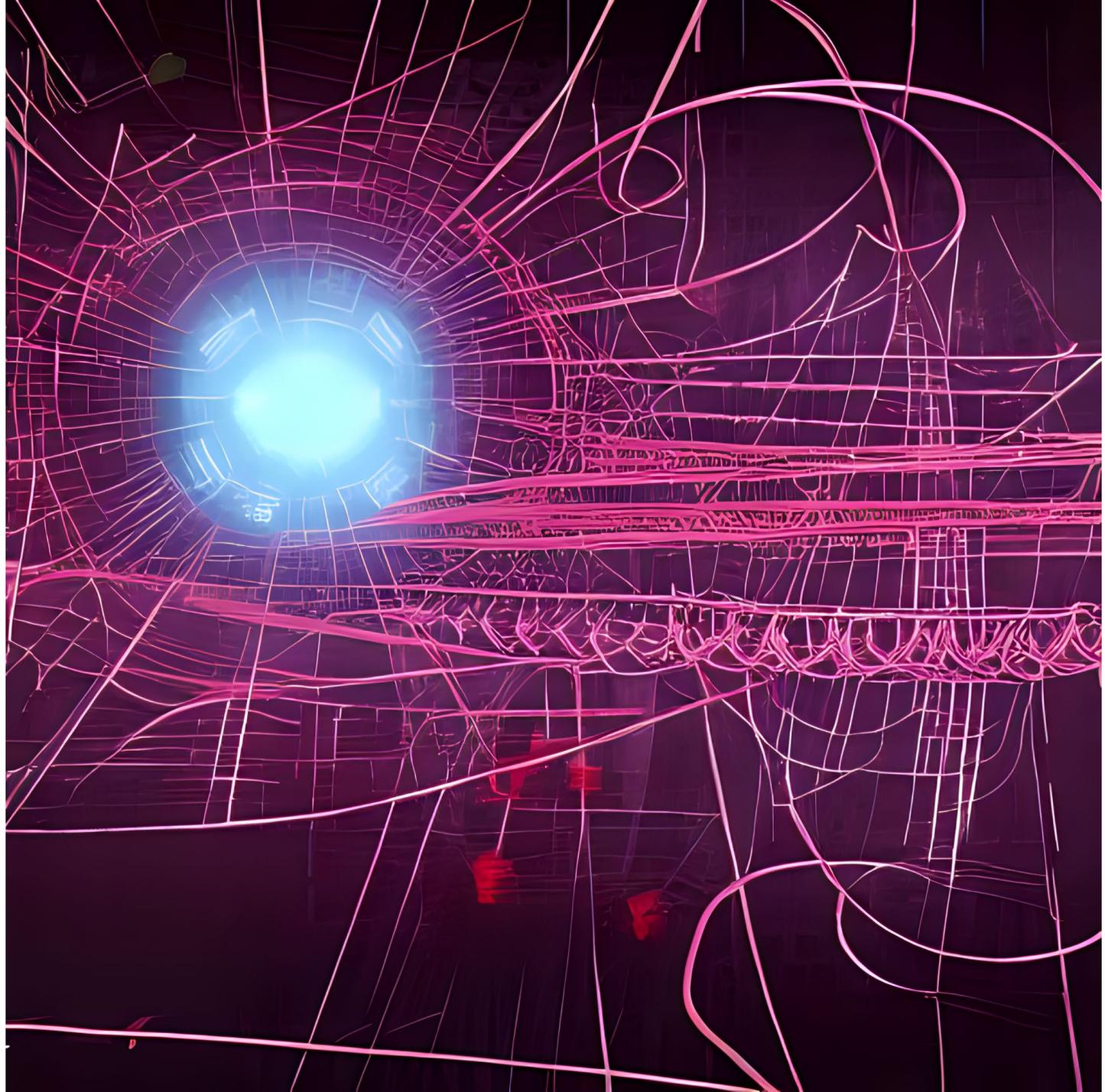
Time: 17:53-EndTime: 18:45: But how do you find the dealing with now a different industry altogether? I know you're an experienced writer in a different context, but now I think you're having to deal with people that perhaps you didn't deal with before. And has that been a challenge for you to essentially get to know perhaps a different type of peers? - It's definitely been challenging because it is brand new. I've never done anything like this before. certain skills that I had from previous jobs, like you said, lend themselves to this. So I can write copy and I know how to make social media memes. And so that's helpful. But I haven't, it's been very challenging because I haven't figured out how to reach a wider audience or how to get people to respond to what I am writing. And that has been

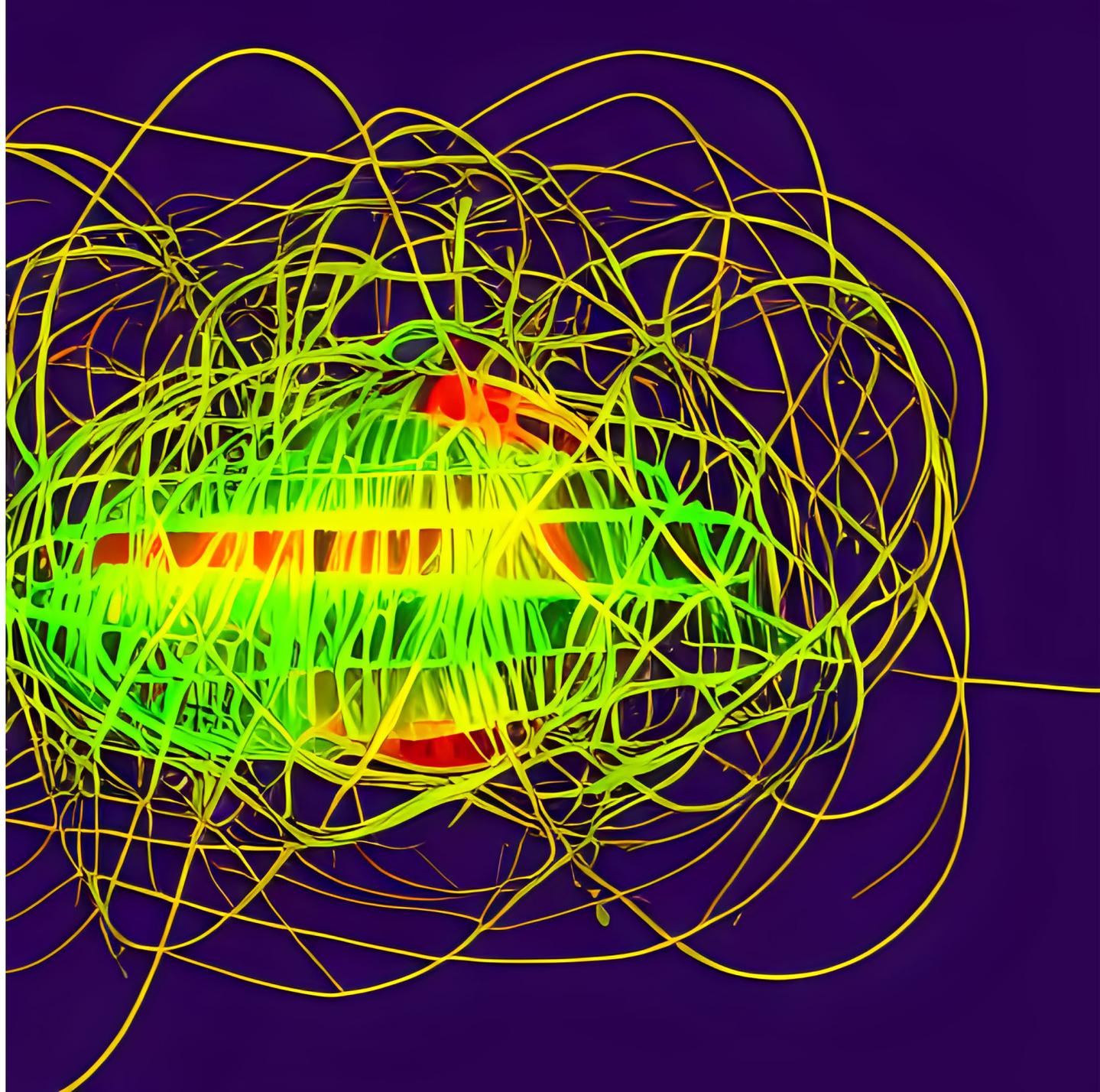
ChatGPT Image Description (Response):An abstract image for this conversation could be a tangled web of ropes and strings, with knots and loops representing the different challenges and skills required to navigate a new industry. The center of the image could be a bright light symbolizing the goal of reaching a wider audience and making an impact.

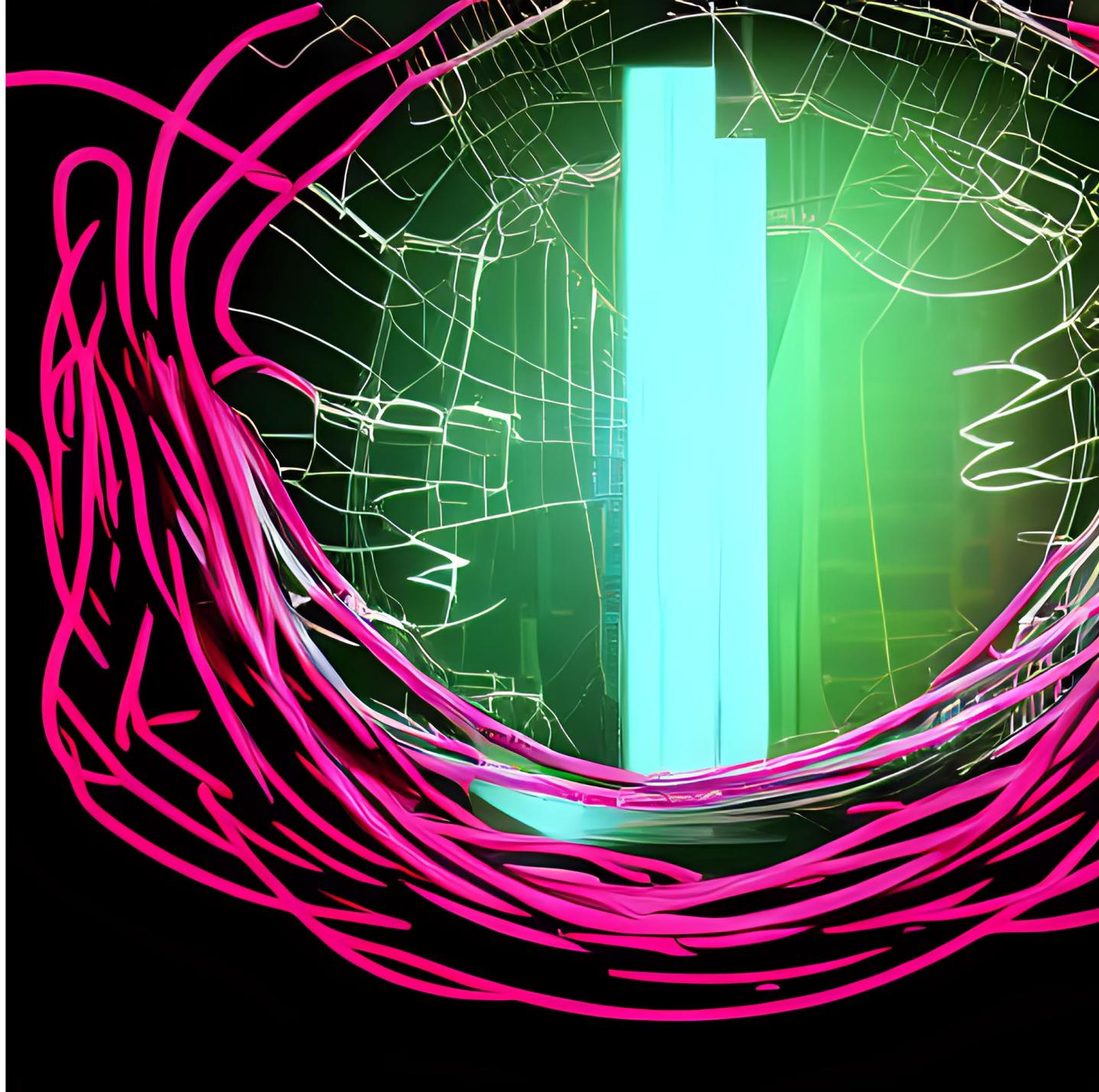












## Section - Chaya's advice to people looking at a career change

Audio Transcribed: Section 11-Chaya's advice to people looking at a career change-Start Time: 18:45-EndTime: 19:54: And that has been very difficult. So if someone listening to this podcast were to ask you, I'd like to quit what I'm doing and dedicate myself to something else. Based on your experience, what would you be advising them on? I would say if you are truly unhappy with the work you're doing, you should go for it. Would I say jump in feet first the way I have, not necessarily. If you have a supportive partner, or if you put away resources, and order to fund that type of venture, absolutely go for it. If you do not have the resources or something to fall back on, I would say, go slow. So if you know like me, you want to write a book, write the book when you come home at night and try to get it out there. And once you've built a little bit more of a cushion around you, definitely, definitely try on something new because we only have this one line, and to be miserable every day going into work, it's not a life. And I absolutely promote doing something that you love. Fabulous. And I look

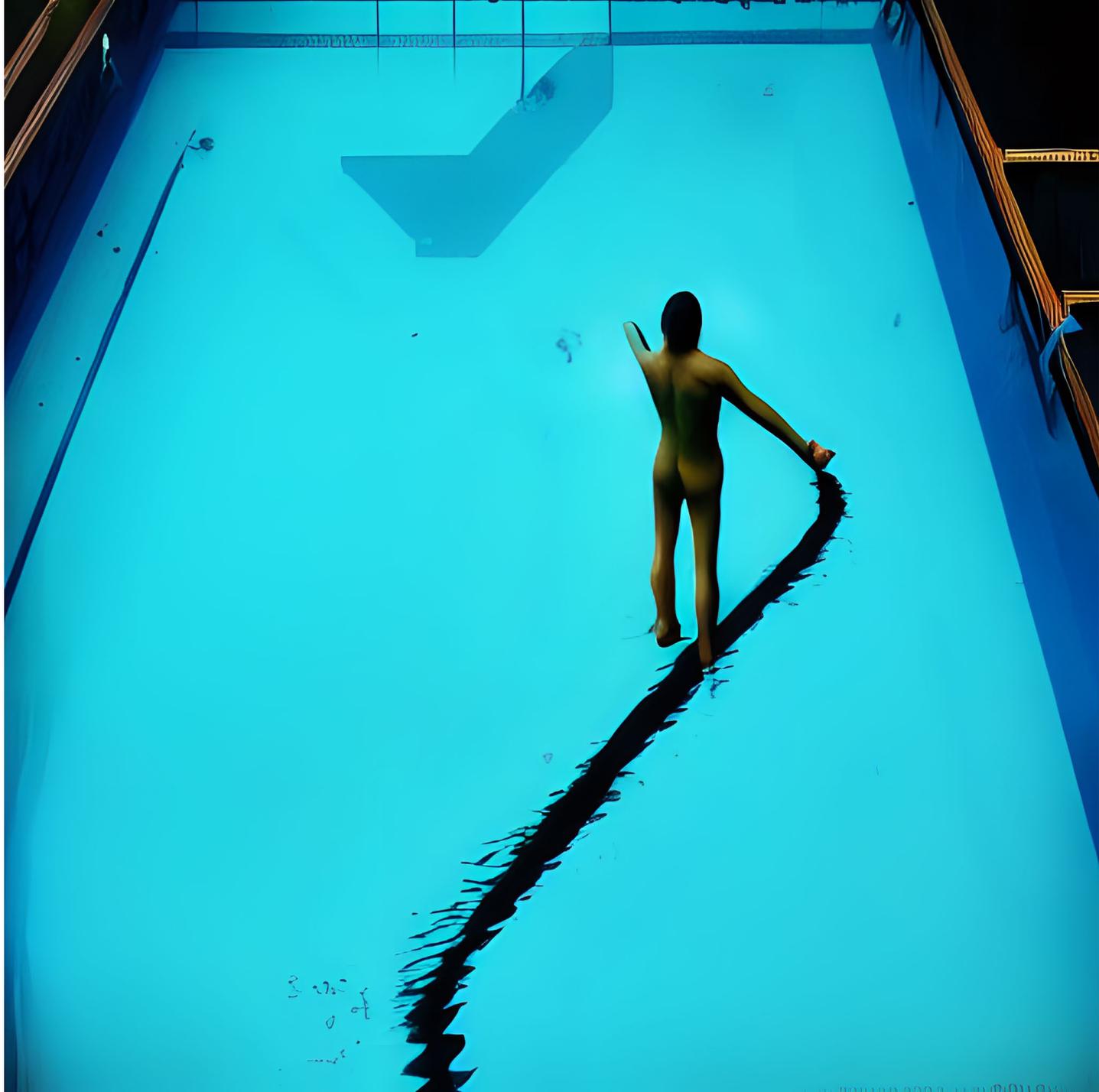
ChatGPT Image Description (Response):An image of a person standing at the edge of a diving board, looking down into a pool of water. The pool represents the potential for a new venture or passion, while the diving board symbolizes taking the leap to pursue it. The surrounding area is blurry and indistinct, emphasizing the focus on this pivotal moment.











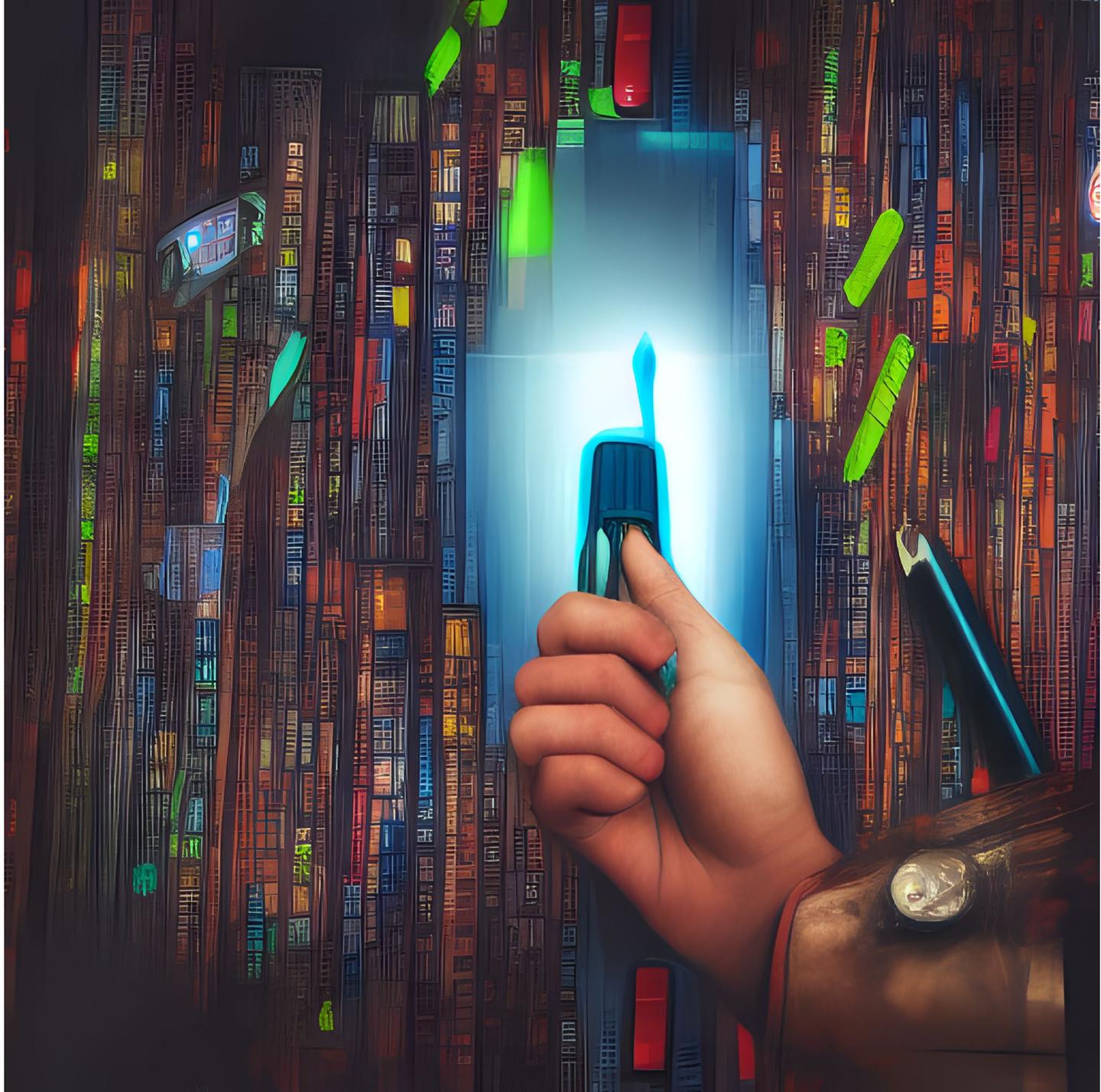


## Section - Chaya's future plans

Audio Transcribed: Section 12-Chaya's future plans-Start Time: 19:54-EndTime: 21:25: And I am looking ahead, again, very hypothetically speaking. How has your experience in writing and launching your books prepared you to possibly consider another career pivot at some point? - Yeah, it has. I've thought a lot about getting into copywriting and copy editing and helping other people write books that, you know, I have some new skills that I've learned that I could really, I think help other people who are interested in this industry. Fantastic. Hi Ed, thank you so much for sharing your story. I really appreciate it. If people want to find out more about you and buy your books, where can they do so? So both of my current books are available on Amazon. You can search my name, Hayatopas, or you can search for the titles of the books. The first one is called, "When We Visit You," and the second one is called, "Go Away Bad Dreams." And then you can follow me on Instagram at Hayatopas. I'm also on - Thank you. - Well, this brings us to a close. And thank you all for listening. Stay cool, stay positive.

ChatGPT Image Description (Response):An abstract image for this conversation could be a person's hand holding a pen, surrounded by books and different writing tools. The center of the image is the pen, representing the act of writing and creating. The surrounding books and tools represent the knowledge gained through writing experience and the potential to help others in their own writing journeys.

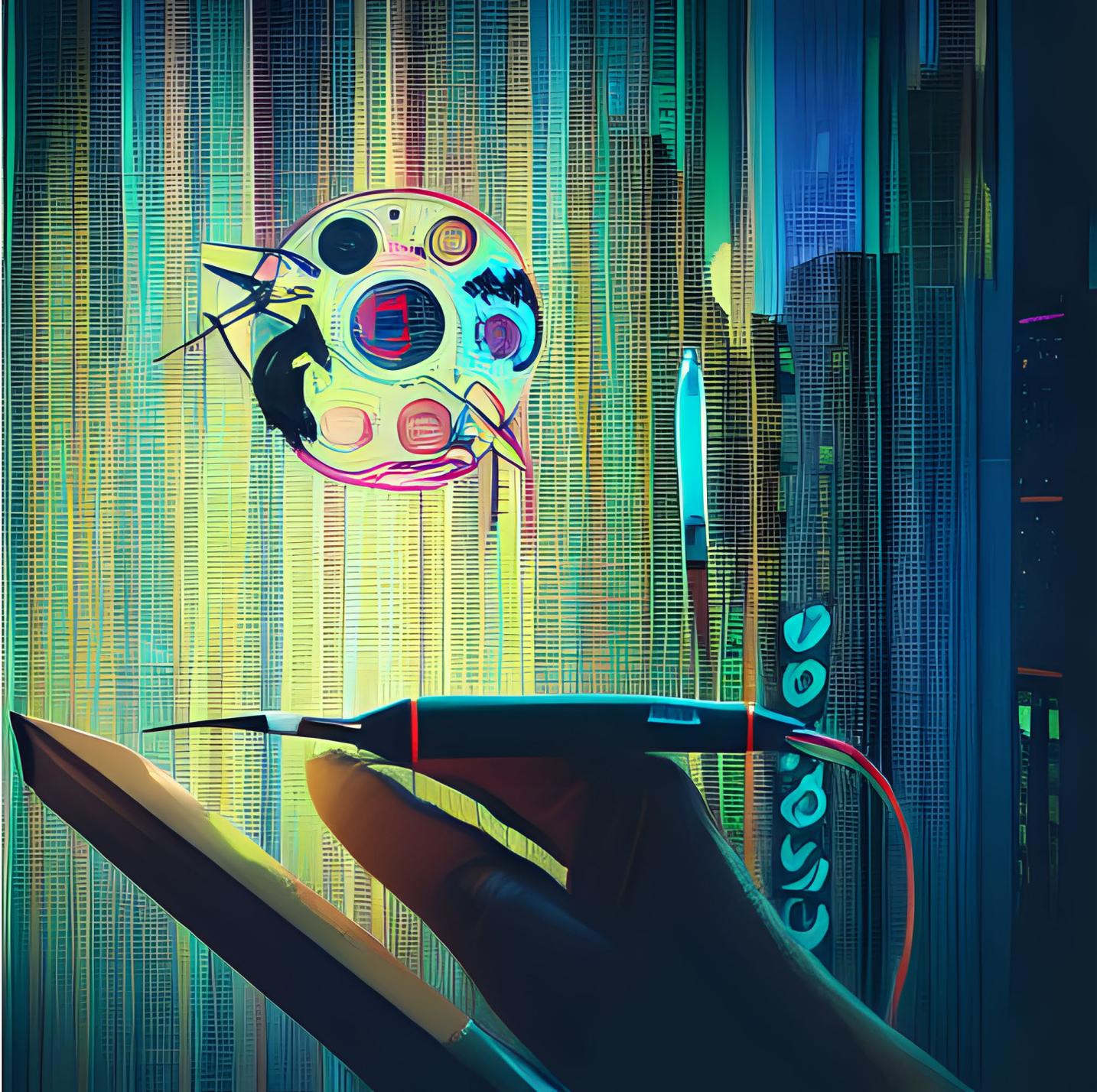














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