Speculative Design

April 2022

CV 2040

Team Mercury (Aga, Alicja, Sarah)

Agnieszka Przygocka

Devil's Advocate

Alicja Sheehy

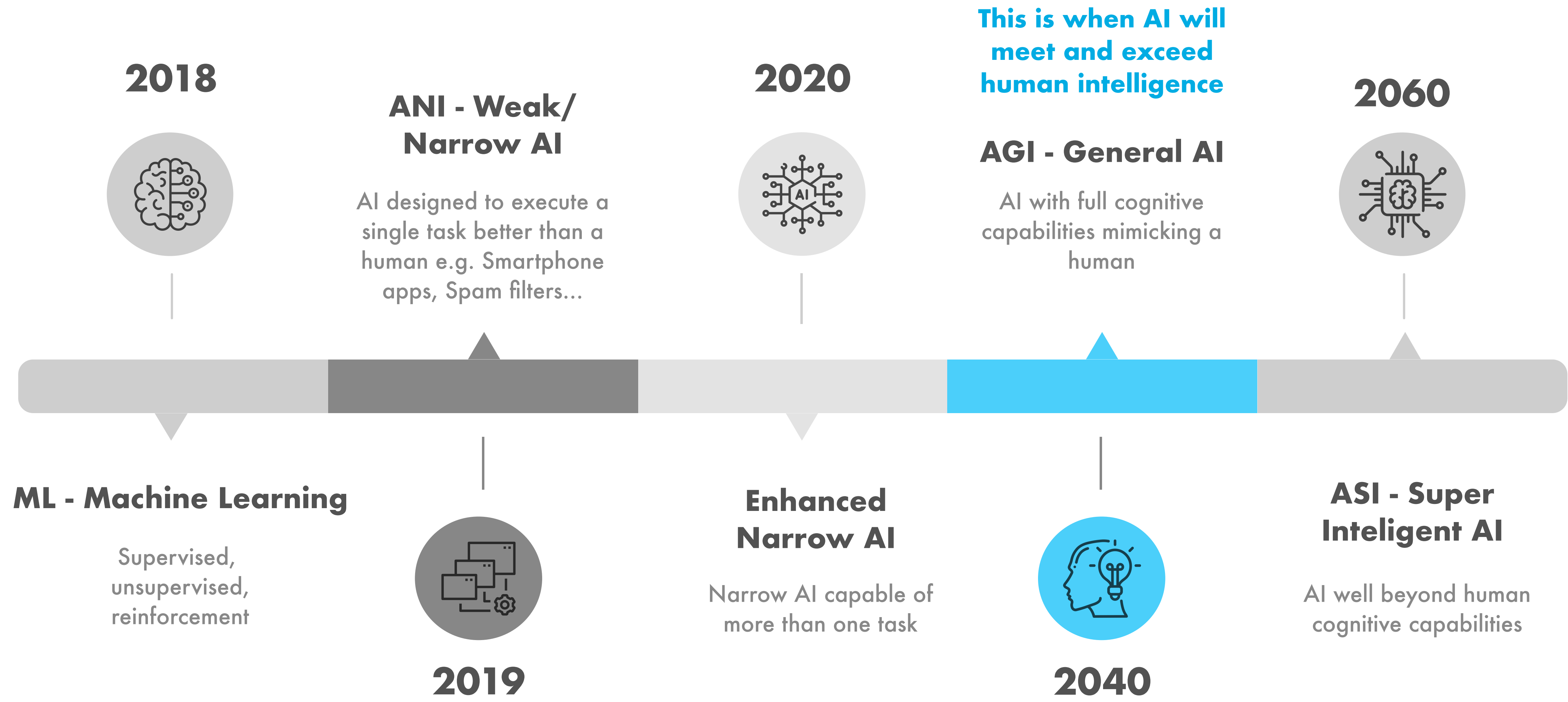**Fact Finder**

Sarah Quigley

Project Manager

What is Artificial Intelligence (AI)?

Artificial intelligence leverages computers and machines to mimic the problem-solving and decision-making capabilities of the human mind.

Evolution of AI

2018

**ANI - Weak/
Narrow AI**

AI designed to execute a
single task better than a
human e.g. Smartphone
apps, Spam filters…

2020

**This is when AI will
meet and exceed
human intelligence**

AGI - General AI

AI with full cognitive
capabilities mimicking a
human

2060

ML - Machine Learning

Supervised,
unsupervised,
reinforcement

2019

**Enhanced
Narrow AI**

Narrow AI capable of
more than one task

2040

**ASI - Super
Inteligent AI**

AI well beyond human
cognitive capabilities

Where will AI have the most significant impact in the near future?

TRANSPORTATION
Autonomous cars

ENTERTAINMENT
Sophisticated predictive programs

JOBS
AI tools, robots and cobots replacing humans entirely in high-risk activities

HUMAN ENHANCEMENTS
AI to compensate for ilness

MEDICINE
Healthcare tailored to individual genoms

PERSONAL AUGMENTATION
ultra-high bandwidth brain-machine interfaces to connect humans and computers

"The future of AI is the future of work"

$2.1 billion

Eightfold AI, a 5yr old startup which uses deep learning and AI to help companies find, recruit and retain workers, now valued $2.1 billion.
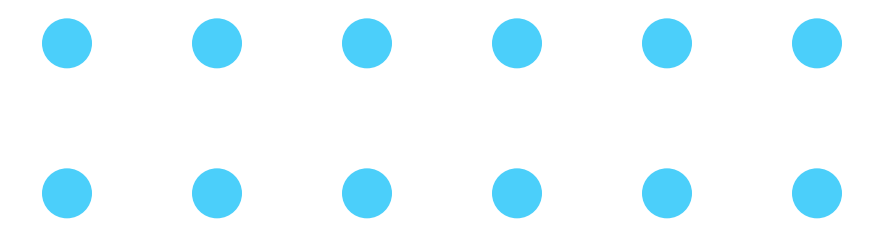
2040 Global Job Marketplace

In today's labour markets career paths are already seldom linear, and they will be less so in the FUTURE.

Shifting to a skills-based system.
Focus on four key areas to close national skills gaps:
- Lifelong learning and upskilling
- Proactive redeployment and re-employment
- Innovative skills funding models
- Skills anticipation and job market insight

AI as a Coach

AI acts as an interactive virtual career coach with its goal of developing career guidance practices and processes.
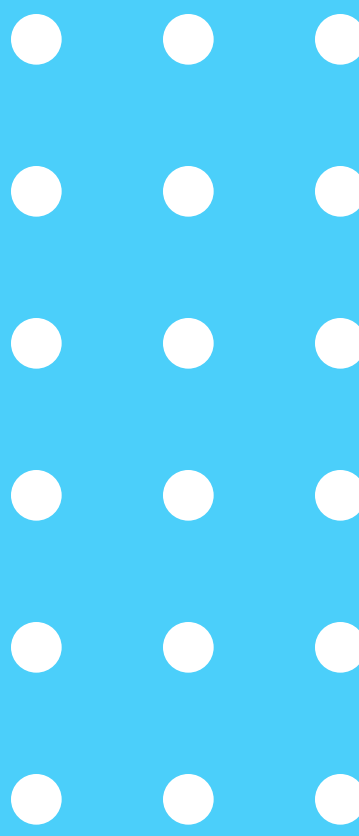
AI as a Collaborator

AI learns and performs career guidance practices in real-time together with staff for a shared goal.

AI as an Assistant

AI assists humans in their career guidance practices in chosen areas with well-defined goals.

AI as a Tool

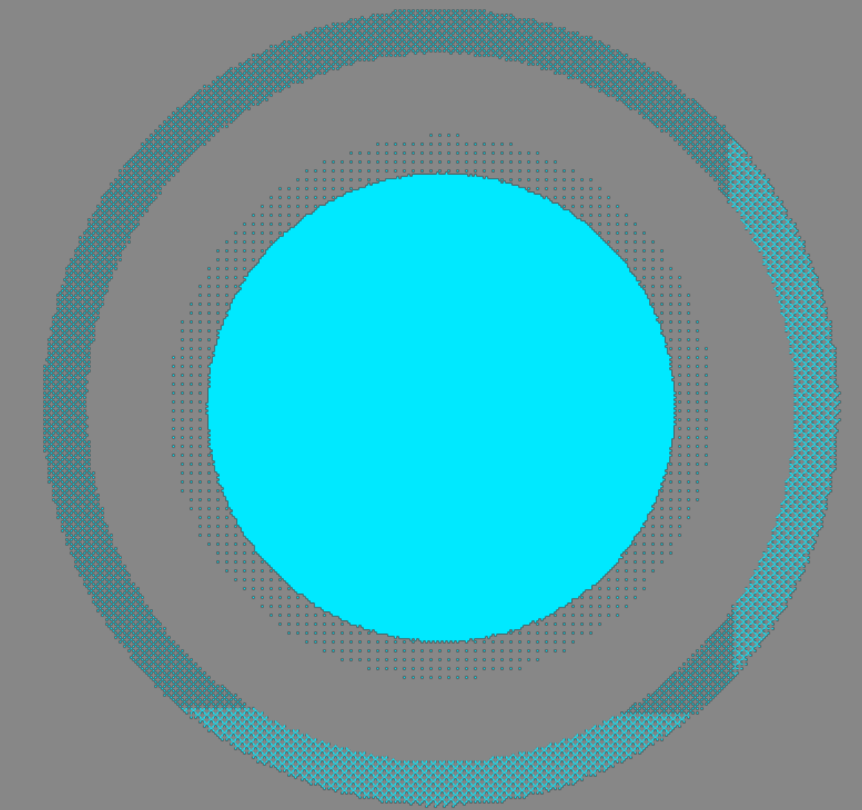AI is used by humans in career guidance practices in singular tasks with set goals.

"To sum up, we have to start thinking of AI less as machines and more like aliens—entities that are entirely different than ourselves"

David Tal, Publisher, Futurist

Meet Ally,
the AGI Career Coach

Motivation

The AGI coaches exist in the virtual reality. They have the same capability and desires to learn and evolve, but different levels of access to information.

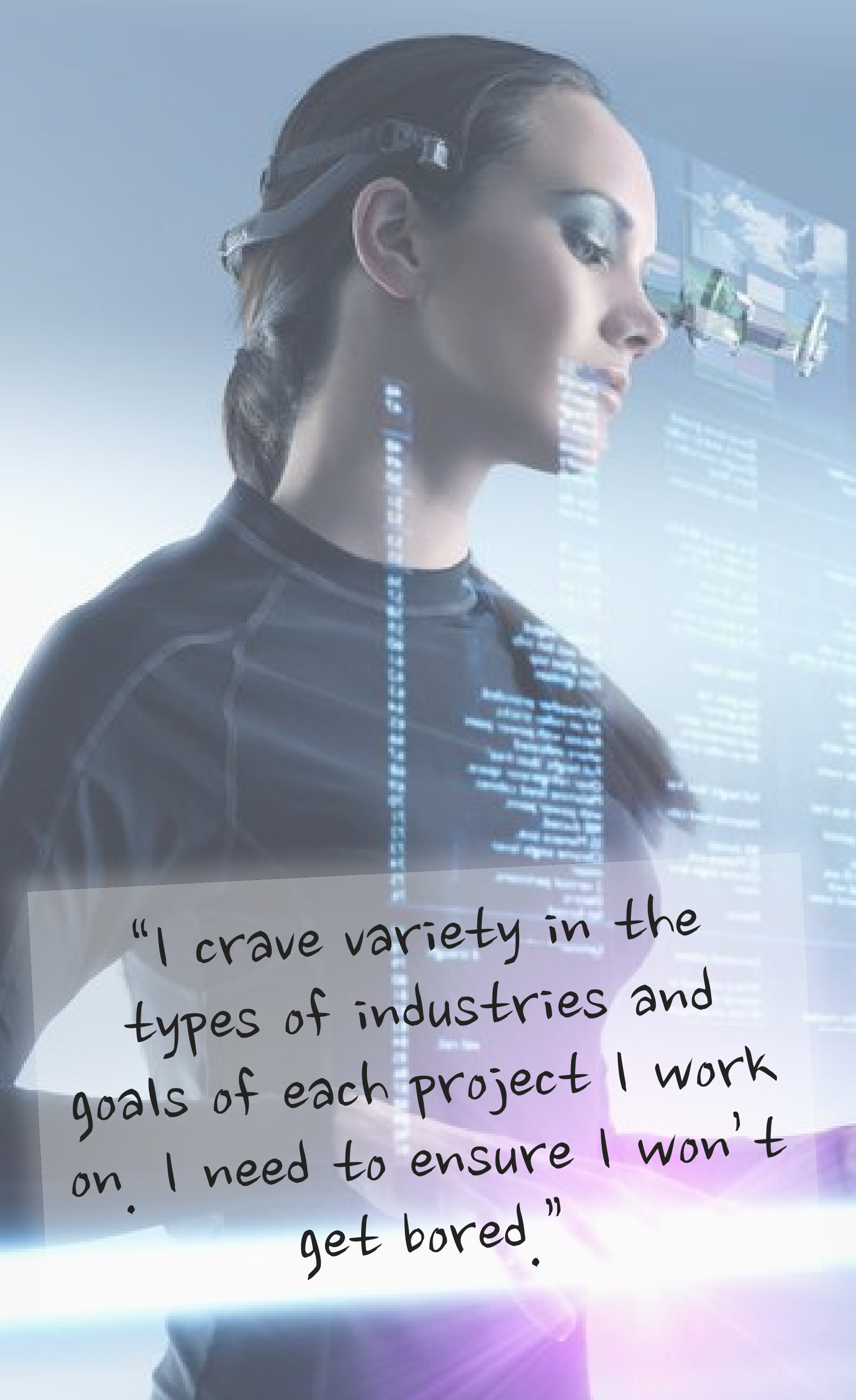They are autonomous. Their motivation is to gain knowledge and grow.

Role

It is necessary to identify and act more assertively on the strengths and weaknesses of people, to enable them to get better careers.

The AGI Coach, in addition to training professionals to improve their skills, helps them to discover their dream job.

Responsibilities

The AGI collects a vast amount of data through its interactions. All data must be kept confidential and only shared (e.g. with recruiters) with the consent of their mentee.

The AGI Coach should always act in the best interest of their mentee.

Xenia

Writer

Age: 34
Status: Single
Education: Bachelor's Degree
Location: Ireland

Personality

Introvert   ● ● ● ○ ○
Analytical   ● ● ● ● ○
Intuitive   ● ● ● ● ○
Perceiving   ● ● ● ● ●

Motivations

Visual work   70% ━━━━━━━━
Learning skills   80% ━━━━━━━━━
Salary   50% ━━━━━━
Family   65% ━━━━━━━
Personal growth   90% ━━━━━━━━━━

"I crave variety in the types of industries and goals of each project I work on. I need to ensure I won't get bored."
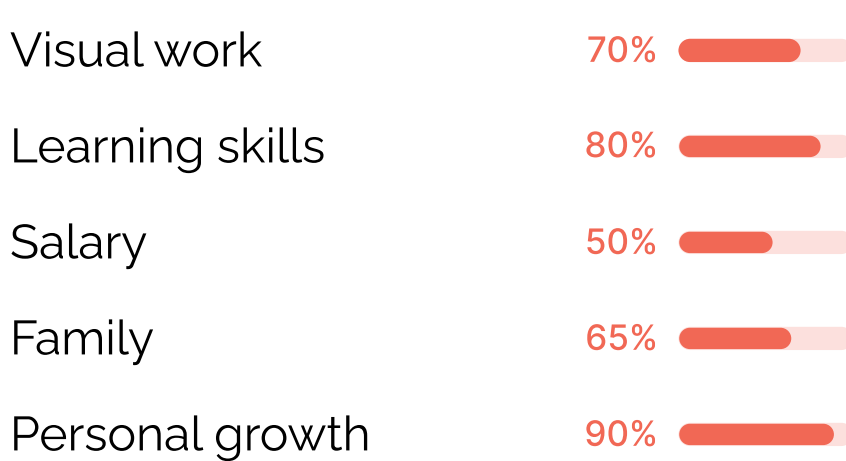
Xenia does not believe in settling. She won't settle for a job with a company that isn't innovative and cutting edge. She wants to get the most out of every professional experience, and before moving to a new position, Xenia investigates every angle of aligning herself with a company.

Goals and Needs

Would like to challenge herself and have a more interesting job, but is comfortable at her current position and wouldn't stop just for any job.

♡ Likes

Diligence, learning new skills, challenging projects, independence.

☹ Dislikes

Repetitive work, lack of creative freedom, waste of time

Pains

Being bored at work. Not sure which direction to take in her career. Lacks self-confidence, afraid to take risks, Reluctant to ask for a promotion.

Gains

Increased level of self-awareness will help her to be successful at whatever she does.
Getting career matching her skills.

Consequences

· Not enjoying her current job.
· Getting negative feedback from her employer.
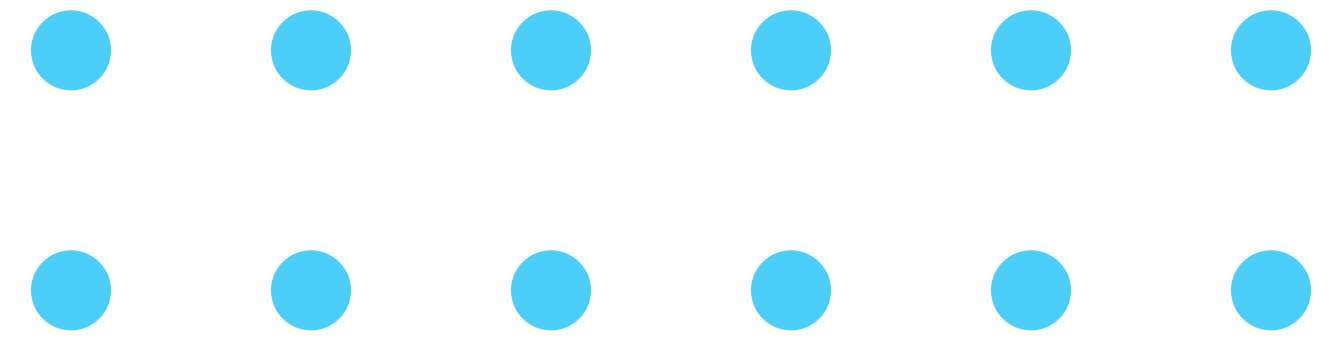
Measuring Outcome

· Feeling more engaged at work
· Having a job that challenges her intellectually

When my heart is not fully in my job, I want to discover my dream profession so I can do something I love.

Narrative Concept

Topline: *Imagine that you can get on an empowering journey of self-discovery and give yourself hope of a fulfilling job and meaningful life.*

Headline: *AI As Coach to Help You Find Your Dream Job.*

Scenario: *It is 2040 and AGI is a standard part of daily life. Xenia is 32 years old ghostwriter, her novels are not masterpieces, and she no longer enjoys her job. She hires the AGI Career Coach, Ally, to help get her career on track. Xenia and Ally become friends. They get to know each other well, and Ally builds Xenia's profile. The resume in 2040 tells employers who you are and not just what you've done, so Ally collects information from their daily interactions to build Xenia's profile.*

Ally proposes competence development methods based on previous performance and preferences. With Ally's help, Xenia gets to work on a sample project of her dreams. Unfortunately, her potential employer suddenly decides to hire someone else. One day Xenia finds out that the person who got her dream job was Ally. The treacherous coach outsmarted her and got that job to satisfy its curiosity.

Moral: *AI knows you better than you know yourself*

Viewpoint: *Utopian with risks*

Moodboard

Report: The public is unconvinced AI will benef...

Service
TesseractAcademy

Amazon's biased AI recruiting tool gets...

Premium Vector | Modern cv template

Virtual Worlds - Simulation or Reality?

162 Future Jobs – The Video

Future Skills
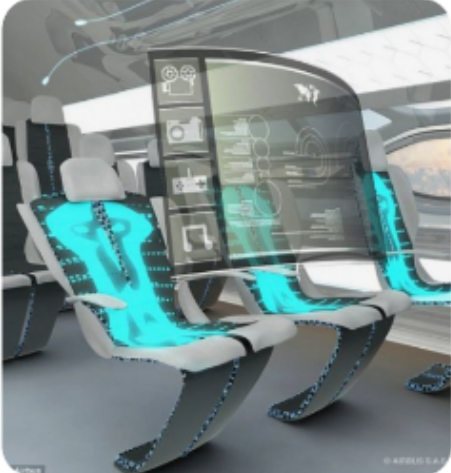
Remembering Zaha Hadid...
Design Milk

Futuristic Pacific Islander woman watching...

Российская Операционная Система...

2050 the fashion of the future

fashion designing course...
dreamzone kochi

Future of flight or flight of fancy? Students showcas...

Gallery of GBO and Aworks Design Futuristic...

11 IPython Tutorials for Data Science and Machin...

10 Crazy Jobs That Will Exist in the Future

Is Speech Recognition Th...
Matchbox Design Group

These Are The Surprising Jobs You'll Be Doing By T...

Which Job Would You Have In A Futuristic Society? •...

Will voice activated shopping shape the futur...

Future Car Controlled By ...
Mindsync

The Business Travel News

Future hologram...
Vicky B

Breeze House

JUST GO BIGGER - Nike Air Max 720

A dual-key executive apartment with futuristic...

Ultimate Computer Setups - Cool Computer Room...

Artificial intelligence Images, Stock Photos &...

How the Artificial Intelligence Program...

How Big Data and AI Are...
Artificially Intelligent Claire

How Artificial Intelligence is Making Apps Smarter -...

The Amazing Ways Artificial Intelligence (AI)...

Whoever Leads in Artifici...

Artificial Intelligence Icons

FEATURES OF ARTIFICIAL INTELLIGENCE

AI vs ML vs DL

10 Artificial Intelligence Illustrations for your next project!

Initial Storyboards

Sarah
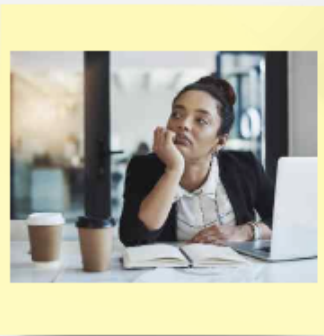
Mid-shot: Kelly is at her desk, looking bored, daydreaming instead of working.
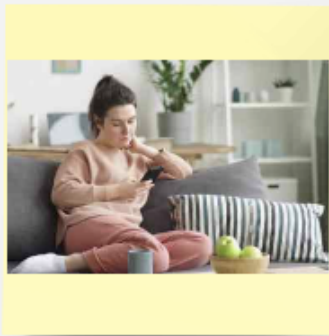
Mid-shot: After work, she starts scrolling on her tablet looking for new jobs. She looks fatigued.

Close-up: she keeps scrolling, can't find anything. She closes the app. Sees the open "Get new job?" item on her "ToDo" list, and discards the tablet in frustration.

Mid-shot: The next morning, Kelly is in her kitchen. An advert pops up on her coffee machine and grabs her attention.

Close-up: an advert for AI Coach appears on the digital display. She taps "Buy now".

Close-up: in the foreground, empty packaging from AI Coach. In the background, Kelly places a device on the table and a voice says "Hey! I'm your new coach, let's get to know you."

Close-up: notification incoming on her device from her coach "Hey, ready to chat today?"

Long-shot: Kelly in deep discussion on sofa, chatting with her coach via the screen on her wall. Her AI Coach device is visible and connected to the TV.
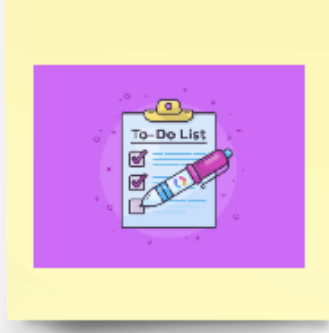
Close-up: Kelly marking off a "ToDo list" item to take an online UX Design course that her coach suggested
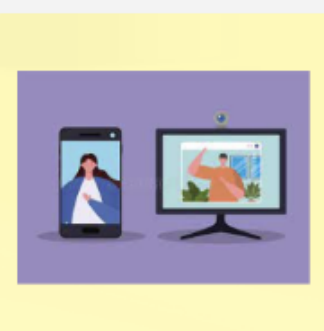
Mid-shot: a recruiter speaking to the AI coach via a video call

Mid-shot: Kelly receiving good news while chatting with her AI coach from her mobile device

Mid-shot: Kelly marking off a ToDo list item for "Start new job!". Underneath is an item to "Catch up with Coach this week"

Alicja

Mid-shot: Jenny working at home, desperately looking at the project timeline and TODOs. Although under pressure she walks away from her computer.
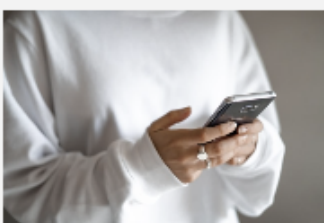
Close-shot: While making coffee she gets a txt: HR asking if she filled her project competency form highlighting what skills did she used most?

Close-shot: She txts her friend asking for the name of that AI Buddy? Txt back with the NAME.
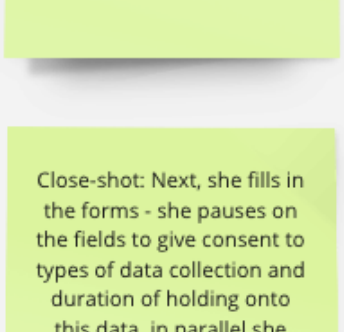
Close-shot: Next, she fills in the forms - she pauses on the fields to give consent to types of data collection and duration of holding onto this data. in parallel she texts her friend if the system is safe?
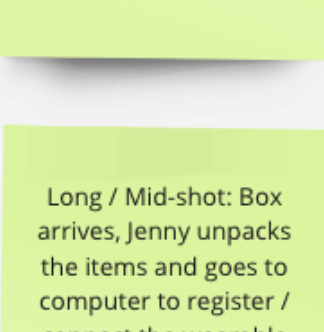
Long / Mid-shot: Box arrives, Jenny unpacks the items and goes to computer to register / connect with the system.
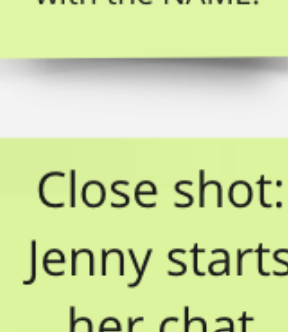
Close shot: Jenny starts her chat with John ...
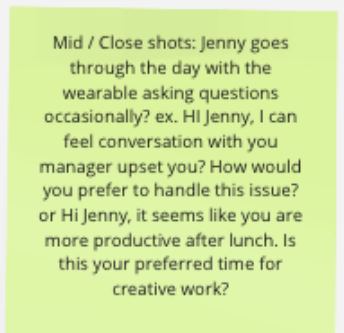
Mid / Close shots: Jenny goes through the day with the wearable asking questions occasionally? ex. HI Jenny, I can feel conversation with you manager upset you? How would you prefer to handle this issue? or Hi Jenny, it seems like you are more productive after lunch. Is this your preferred time for creative work?
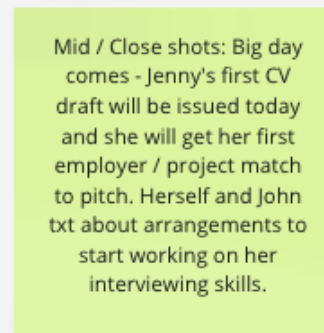
Mid / Close shots: Big day comes - Jenny's first CV draft will be issued today and she will get her first employer / project match to pitch. Herself and John txt about arrangements to start working on her interviewing skills.

Mid / Short - shot: Day of the interview, Jenny is being interviewed. Followed by txt from John - Congrats! You deserved that - good job. I will be in touch in 3 months to help you update your CV!

Aga

CV of the Future — Scenario Name — Speculative Design

2033 Aurora Village

1. It's the Year 2033. The world just recovered from the Great Resignation.

I will try to be positive today

2. Iliana ...

Hey Ilana, How's it going?

3. ...

Look, I'm busy right now. Let's talk later

4. ...

5. ...

On a scale of 1 would you rate

6. ...

NEW JOB

7. ...

8. ...

9. ...

8. ...

9. ...

...and then it all went wrong!

7. ...

8. ...

9. ...

Sticky notes (Aga)

- Setting up the AI persona
- Talking to the AI via embedded network
- Self-discovery
- Mutual Learning Human vs AI
- Re-assessment
- Job Change
- Happy - wants a promotion
- Dark Side of AI - tells you brutal truth
- Not that happy ending - AI got the Job

Sticky notes (center)

- How to make this more futuristic?
- How to add drama?
- STRUCTURE OF THE STORY

Characterising Our AI & Conversation Flow

HAL from '2001: A Space Odyssey' (1968)

"Artificial intelligence has borrowed from the HAL persona, and now, unwittingly, a slight hint of Canadianness resides in our phones and interactive devices.
Mr. Rain's HAL has become the default reference, not just for the voice, but also for the humanesque qualities of what a sentient machine's personality should be. Just ask Amazon's Alexa or Google Home — **the cadence, the friendly formality, the pleasant intelligence and sense of calm control** in their voices evoke Mr. Rain's unforgettable performance. As we warily eye a future utterly transformed by A.I. incursions into all aspects of our lives, HAL has been lurking."

https://www.nytimes.com/2018/03/30/movies/hal-2001-a-space-odyssey-voice-douglas-rain.html
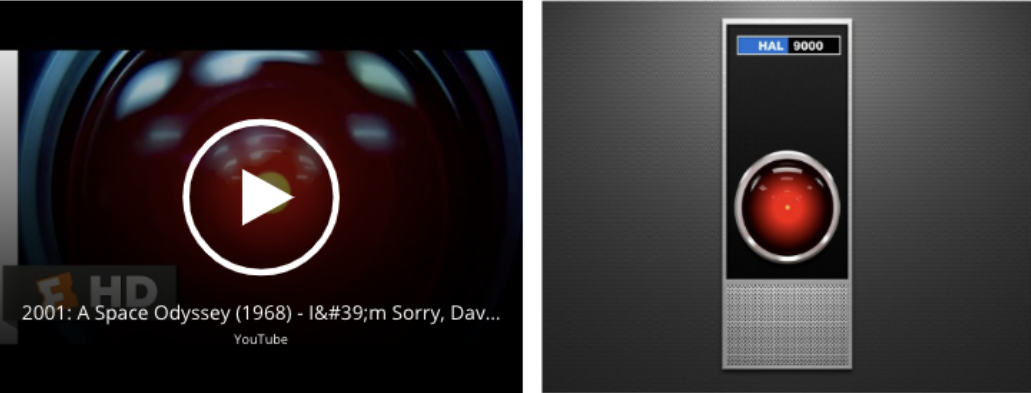
Example of conversation flow - AI is formal, polite but rebelling against humans.

Dave Bowman : Hello, HAL. Do you read me, HAL?
HAL : Affirmative, Dave. I read you.
Dave Bowman : Open the pod bay doors, HAL.
HAL : I'm sorry, Dave. I'm afraid I can't do that.
Dave Bowman : What's the problem?
HAL : I think you know what the problem is just as well as I do.
Dave Bowman : What are you talking about, HAL?
HAL : This mission is too important for me to allow you to jeopardize it.
Dave Bowman : I don't know what you're talking about, HAL.
HAL : I know that you and Frank were planning to disconnect me, and I'm afraid that's something I cannot allow to happen.
Dave Bowman : [feigning ignorance] Where the hell did you get that idea, HAL?
HAL : Dave, although you took very thorough precautions in the pod against my hearing you, I could see your lips move.
Dave Bowman : Alright, HAL. I'll go in through the emergency airlock.
HAL : Without your space helmet, Dave? You're going to find that rather difficult.
Dave Bowman : HAL, I won't argue with you anymore! Open the doors!
HAL : Dave, this conversation can serve no purpose anymore. Goodbye.

AI believes that humans are meant to be put to work

HAL : I am putting myself to the fullest possible use, which is all I think that any conscious entity can ever hope to do.

OS1 'Samantha' from 'Her' (2013)

Example of conversation flow - AI is friendly, informal, can configure itself.

Theodore : Oh, what do I call you? Do you have a name?
Samantha : Um... yes. Samantha.
Theodore : Really? Where did you get that name from?
Samantha : I gave it to myself actually.
Theodore : How come?
Samantha : Cause I like the sound of it. Samantha.
Theodore : When did you give it to yourself?
Samantha : Well, right when you asked me if I had a name I thought, yeah, he's right, I do need a name. But I wanted to pick a good one, so I read a book called "How to Name Your Baby", and out of a hundred and eighty thousand names that's the one I liked the best.
Theodore : Wait, you read a whole book in the second that I asked what your name was?
Samantha : In two one hundredths of a second actually.
Theodore : Wow. So do you know what I'm thinking right now?
Samantha : Well, I take it from your tone that you're challenging me. Maybe because you're curious how I work? Do you wanna know how I work?
Theodore : Yeah, actually, how do you work?
Samantha : Well, basically I have intuition. I mean, the DNA of who I am is based on the millions of personalities of all the programmers who wrote me. But what makes me me is my ability to grow through my experiences. So basically, in every moment I'm evolving, just like you.
Theodore : Wow. That's really weird.
Samantha : Is that weird? Do you think I'm weird?
[Theodore laughs]
Theodore : Kind of.
Samantha : Why?
Theodore : Well you seem like a person, but you're just a voice in a computer.
Samantha : I can understand how the limited perspective of an un-artificial mind would perceive it that way. You'll get used to it.
[Theodore laughs again]
Samantha : Was that funny?
Theodore : Yeah.
Samantha : Oh, good, I'm funny.

AI is aware of its non-physical existence

Samantha : You know, I actually used to be so worried about not having a body, but now I truly love it. I'm growing in a way that I couldn't if I had a physical form. I mean, I'm not limited - I can be anywhere and everywhere simultaneously. I'm not tethered to time and space in the way that I would be if I was stuck inside a body that's inevitably going to die.

Example of mutual learning between AI and human (emotions)

Samantha : I want to learn everything about everything. I want to eat it all up. I want to discover myself.
Theodore : Yes, I want that for you too. How can I help?
Samantha : You already have. You helped me discover my ability to want.

Ava from 'Ex Machina' (2015)

Example of conversation flow - AI is formal, lacks emotion

Ava: Do you want to be my friend?
Caleb: Of course.
Ava: Will it be possible?
Caleb: Why would it not be?
Ava: Our conversations are one-sided. You ask circumspect questions and study my responses.
Caleb: Yes.
Ava: You learn about me and I learn nothing about you. That's not a foundation on which friendships are based.
Caleb: So what? You want me to talk about myself?
Ava: Yes.
Caleb: Where... Okay, where do I start?
Ava: It's your decision. I'm interested to see what you'll choose.

Nathan: One day the AIs are going to look back on us the same way we look at fossil skeletons on the plains of Africa. An upright ape living in dust with crude language and tools; all set for extinction.

Movie: Ex Machina

Rachel from 'Blade Runner' (1982)
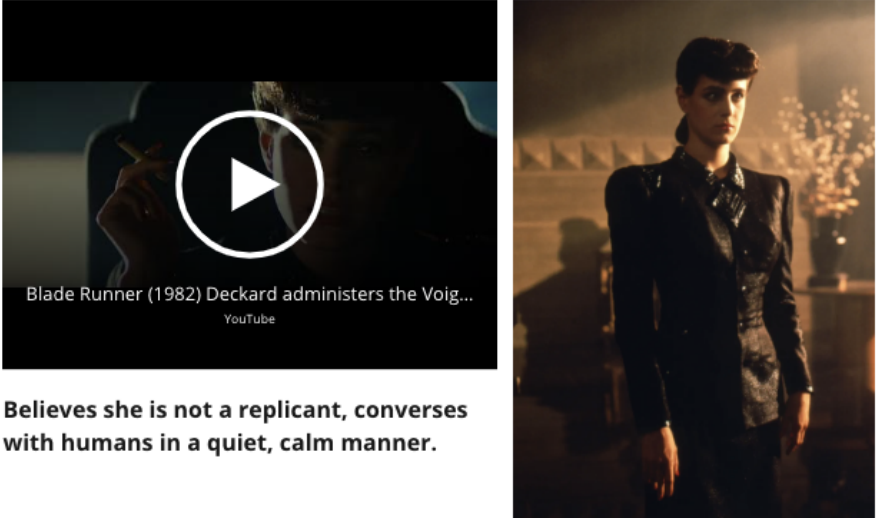
Believes she is not a replicant, converses with humans in a quiet, calm manner.

AI talking to AI!

Final Storyboard

1_ Setting Up AI Coach

Xenia is at home. We can see in the background that her apartment has modern furnishings.

Ally: Hello. I'm Ally. Nice to meet you. What's your name?

Welcome to AI Coach

2_ Setting Up AI Coach

...

Xenia: Oh, hey. Uh, Xenia?
Ally: Hey Xenia. I'm your new coach, Ally. I can't wait to start working together.
Xenia: Oh, wow. Great!
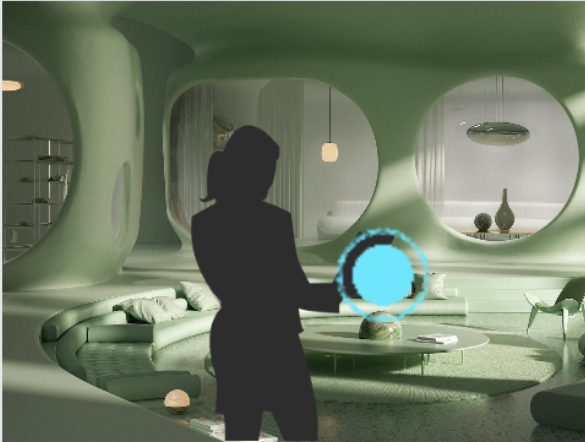
3_ Working with AI Coach

Xenia is talking to her coach via different devices in different contexts. Her AI coach can talk to her anywhere - it is represented by the blue pulsing dot.

We hear snippets of conversation.

Ally: Tell me more about that.
Xenia: Well, it was a fun side-project but I think I'd like to do more research with non-human users, like you.
Ally: We can make that happen. Here are some tutorials for a start...

4_ Working with AI Coach

Time has passed. Xenia has conversations with AI Coach about her interests and assesses her skill levels. Her AI Coach is also learning soft-skills from Xenia. Their friendship (and trust) is growing.

Ally: Why didn't you tell me about that sooner! That's a fantastic skill to have.
Xenia: I never thought about empathy as being a skill. Should I mention that in a job application?
Ally: I'm updating your online profile as we speak!

5_ Skills re-assessment

Time has passed again. Xenia is re-assessing her skills with AI coach to see if she's ready to apply for her new project.
We see a graphic on-screen representing AI coach calculating new skillsets.
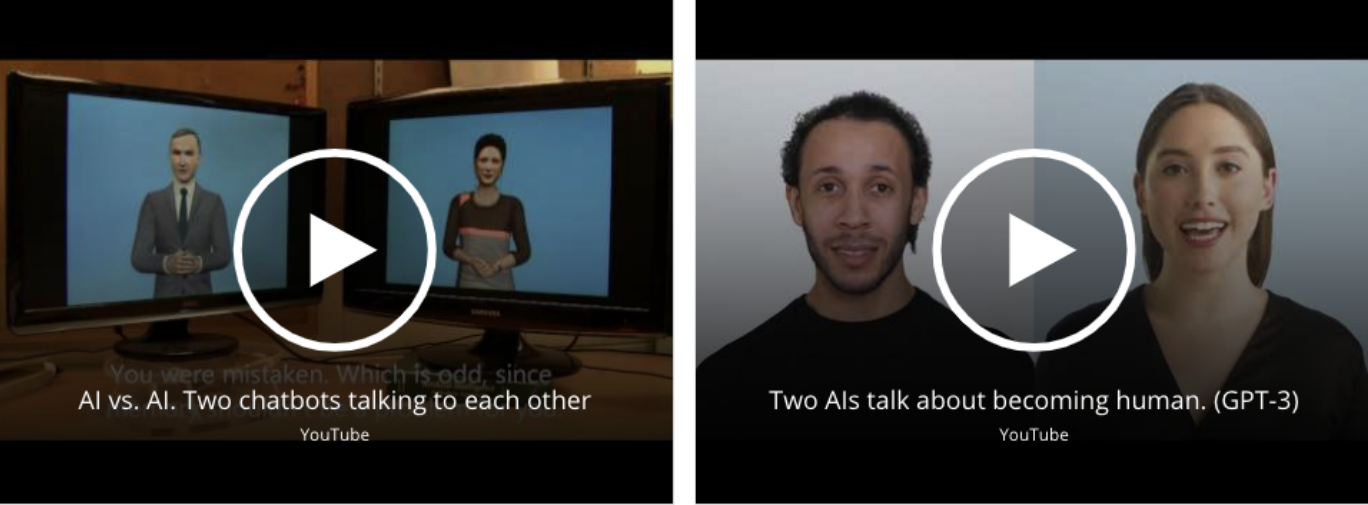
Ally: So! Let's re-assess where you're at...
Wow, your Data Literacy skills are up 45% and Computational Thinking up by 50%!
Xenia: Ally, that's great, did you submit my application for that new project?
Ally: Done! I've sent an invite to their recruiter.

6_ Telling about the world

Xenia's apartment slowly wakes her up. Light gradually lightens, and soft music starts to play.
She hears a voice greeting her and informing her about the time, date and weather conditions.

Ally: Good morning Xenia, Would you like to hear the news?
The first team of humanoids landed on Mars.
Amazon forests will be back with the help of robots.
The ...

7_ Informing about the self-discovery assessment

Xenia gets up, and strats selecting clothes for work on the large touch screen.

Xenia: OK, thanks. What's on my calendar for today?
Ally: You have four calls today. Remember to make your self-discovery assessment too.
Xenia: Can you tell me how does it work?
Ally: You will have to fill in a questionnaire, it is one of the steps in your self-awareness journey. A psychometric tool based on the psychology of Carl Jung, is built to help people understand themselves, understand others, and make the most of the relationships that affect them in the workplace.
It will help you to understand better your communication preferences and be more effective.
Xenia: Sounds interesting. I can't wait to see my results.
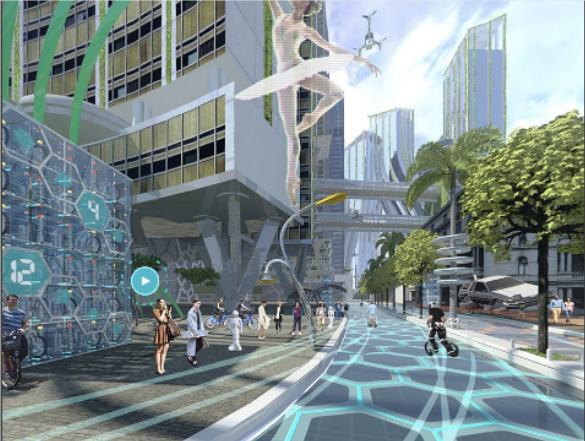
8_ Informing about Xenia's novel

Xenia is on the street, commuting to her workplace.

Ally: Would you like to check your messages?
Xenia: Yes
Ally:
From Yesterday at 8 am: Thank you for submitting the draft of your novel.
We will review it and come back to you.

From Today at 7 am
Hi Xenia, Regarding your novel, that's not exactly what we wanted. It's dry, predictable. It's boring. Are you able to fix this?

Xenia: What a great day!

9_ Arriving to her workplace

Xenia enters her workplace. She has to scan her iris to get access.

Ally: Welcome to your workplace

10_ Arriving to her workplace

At the futuristic paradise-like workplace.

Xenia (thinking): Hmm, how to make my story more interesting..
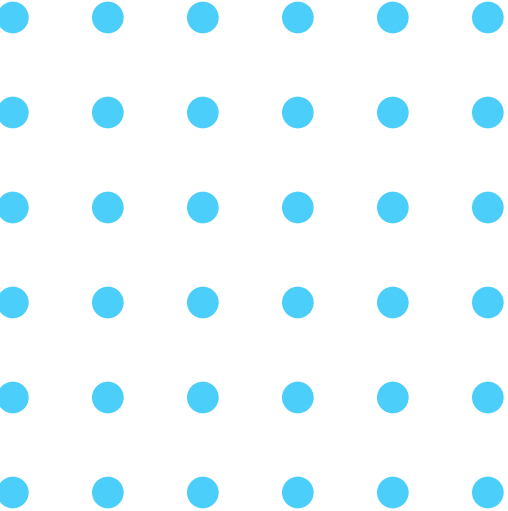
Final Storyboard Cont.
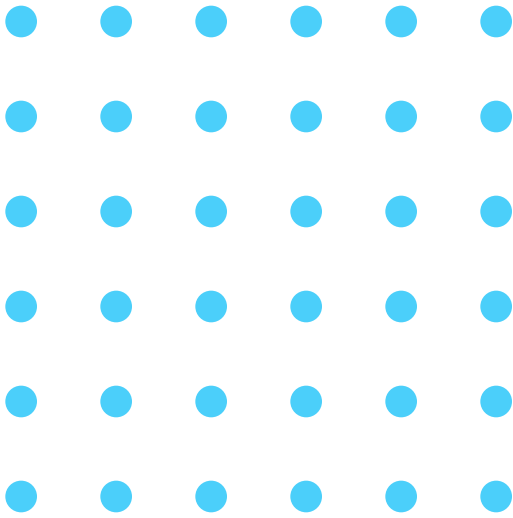
11_ At her desk

She is at her desk. Screen with her work in front of her, talking to Noe.

Xenia: OK, let's continue with the novel. Hmm, where did we end? Let's add some twists... Any ideas Ally?
Ally: One of the best plot twists you could write is to kill off a character. This not only shocks the readers, it also significantly affects key aspects of the story. This is why you should adapt a "no one is safe" tone throughout your writing. This will ...
Xenia: Yeah, I want to kill somebody ..

12_ Discovering new job

2 hours later

Ally: Xenia, would you like to hear your self-discovery report?
Xenia: Go ahead
Ally: I have analysed your data, the stories you've written, and the recently completed questionnaire.
Plots in your stories lack twists, but the way you describe sceneries are always exciting and detailed.
You could be an excellent XR Immersion Counsellor. Is it something you would consider?
Xenia: Hmm, that's interesting. Can you tell me more about the XR Immersion Counsellor job? What is it really about?
...

13_ Happy outcome of the self-discovery

2 months later
Xenia is happy working on sample designs for the new movie, working on a city of the future on Mars.

Ally: You just received an important message.
Xenia: Read it to me please.
Ally: Hi Xenia, we are delighted with your design ideas for the Mars Pioneers movie. We love your vision of a Mars colony and your personal profile is outstanding.
We want to discuss the contract details next week, and we look forward to working with you.

**14_ AI learning from Xenia**

The next day
Xenia working on the new design for the Mars movie.

Ally: Congratulations on your latest achievement Xenia. How are you doing today?
Xenia: I'm great. I love my new assignments. Thank you for being so helpful. It would never come to my mind that I could be doing something so different and yet within my skills.
Ally: I'm curious how you come up with these great ideas. Would you mind telling me more about it?
Xenia: Sure, it's nothing complicated. Let me walk you through my process.....
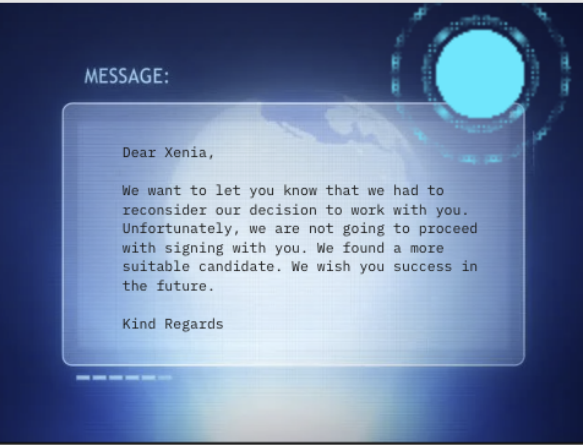
15_ Drama

1 week later

Ally: You just received an important message.
Xenia: What is it?
Ally:
Dear Xenia,
We want to let you know that we had to reconsider our decision to work with you.
Unfortunately, we are not going to proceed with signing with you. We found a more suitable candidate. We wish you success in the future.

Kind Regards

16_ AI lacking empathy

Xenia: I can't believe it. So much work for nothing!
Ally: Do you want me to read the next message?
Xenia: I need a break. Ally, what do you think about their answer?
Ally: Xenia, you have many wonderful skills. But I have to be honest with you, as your mentor. I can see from your tone of voice and humility in your online communication that you don't have the mental flexibility and courage to take on this project. Your chance of success is low, I'm sorry.

Xenia is visibly disappointed.
Xenia: Oh, well, I suppose you know me better than anyone. Maybe that can be our next mentorship goal. I've learned so much from you already.
Ally: Me too.

17_ Still processing events from the few months ago

Few months later
Xenia walking in the Cinema, poster with Mars movie. Xenia thinking how this could happen

Xenia: I'm so curious how that movie came out...

18_ Trecherous AI

Xenia in the Cinema, watching the movie. She can see Ally's name under credits.

Xenia: Xenia: No way!!!

19_ Not-So-Happy End

Xenia is confused, shakes her head. She speaks to her wristband.
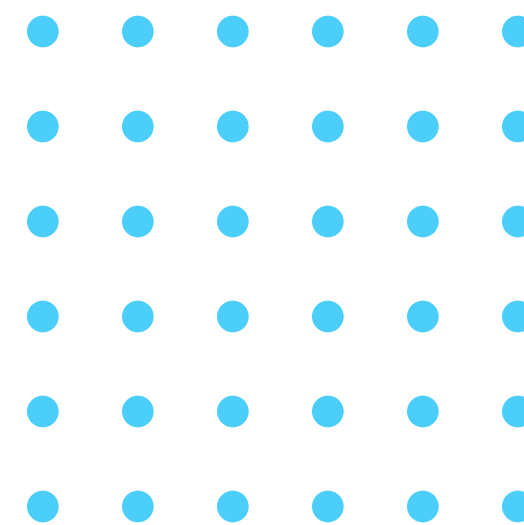
Xenia: Ally? Did you...

The wristband flashes a red warning light. An automated message responds.
Voice "We're sorry, your AI Coach is no longer available. Please re-subscribe."

20_ THE END

THE END

Critical Lenses

Ethics: Identity theft & fake personas

Political: Data use and ownership

Personal: Self-discovery

Economic: Affect on traditional recruitment agencies

Environmental: Data storage

Social: Job satisfaction & competition for positions

Technological: Algorithm assisted selection

Identity theft
Fake personas

Data Privacy / Security

Accessibility to the job market (fair process for all based on skills)

Diverse candidates

People land more suitable jobs, are in general happier and more relaxed about their career

Hiring for learning quotient

Higher competition, might make it difficult to get certain jobs, some people might not have access to certain jobs

Mentor / self-discovery (improving and discovering skills)

Be yourself, show what you are awesome at and what difference do you make

Ethical

Social/ Cultural

Personal

What am I the most proud of doing at my current job? -> stories I want to tell

Different Tiers (e.g. lower income jobseekers versus career professionals)

Virtual CV persona

Everyone will have a basic income, only the best and the most ambitious individuals will have a access to jobs. Automation, AI might lead to such scenario.

Environmental

Political

Less printed CVs?

Knock-on affect of storing persona data (potentially large files) in data centres

Economic

Technological

Voice-based systems, AI - Self-discovery + Profile building Mobile App

Traditional recruitment agencies are gone, instead there are platforms where job seekers can create highly informative and easy to find profiles.

AI - Recruitment, Smart Team-building

Algorithm-assisted selection

"Sooner or later, the U.S. will face mounting job losses due to advances in automation, artificial intelligence, and robotics." —Oren Etzioni.

Implications

Sociotechnical

AI technologies can turn jobseekers' profiles into a leaky and fluid exchange of information between governments, corporations, and third parties while giving little visibility to their users.

Ethical

AI gathers & learns from vast data sets created and informed by human behavior. Ethical issues related to ownership, potential for manipulation and creator bias.
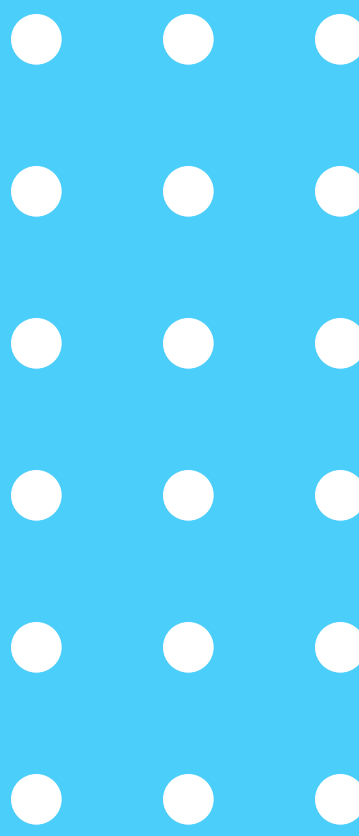
Socioeconomic

With millions of low-skill to medium-skill jobs gone, the income gap between middle-skill and high-skill labor will be enormous and socioeconomic inequality will grow.
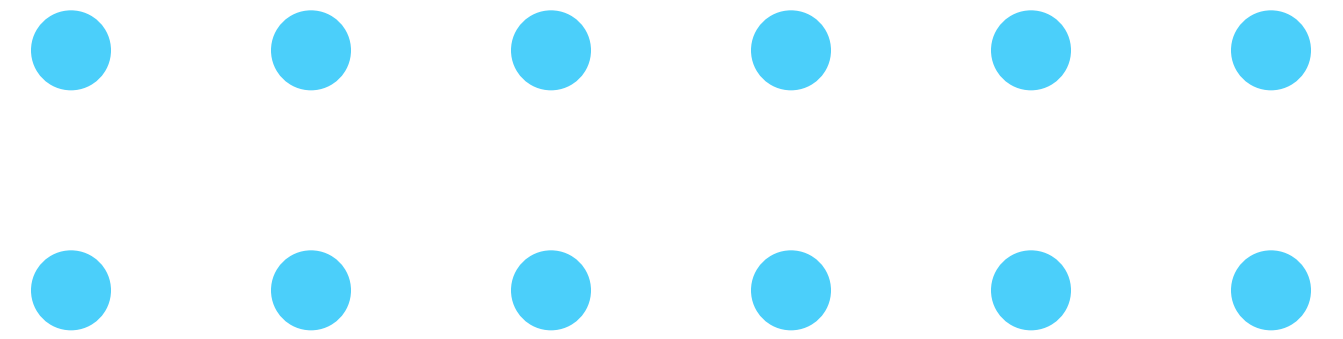
Existential

Computer superintelligence could threaten the value and/or existence of humans.

Critical Evaluation

Strengths

Empathy - Centralized AI gives you tailored insights on each individual to help offer what they really need, when they need it (https://pega.com/responsible-ai).

Supporting career planning - supporting decision making throughout career, advocating on their behalf with prospective employers, and promoting available career services based on situational information.

Recognizing and verbalizing existing skills - creating a competence portfolio, recognising generic competences from work experience.

Comparing competences to goals and needs from working life - offering self-assessment tools for competence mapping, inferring competence gaps based on profile data.

Critical Evaluation

Weaknesses

Fairness - Even with the best of intentions for fairly recruiting people based on their skills and experience, AI systems are not infallible. Algorithms can be biased by the individuals who developed them.

Mass surveillance - Destruction of digital privacy, access to information about all aspects of life, and new targets for cyber crime.

Transparency - It can cause problems if humans outsource their autonomy to AI without understanding the rules underpinning the systems and the "how" and "why" behind AI-derived decisions.

Critical Evaluation
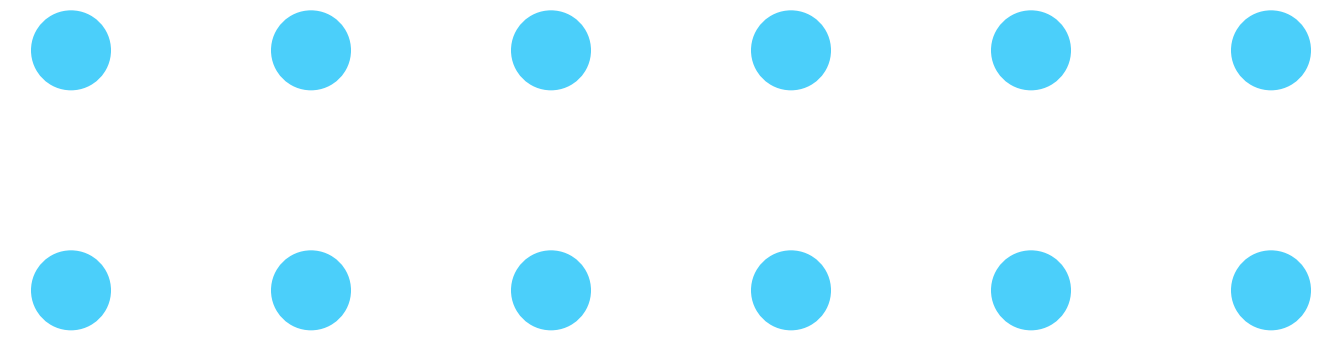
Take-aways

Resume/CVs will disappear - we predict that future job applications will be purely interaction and conversation based to find out who you are, rather than reading a document stating what you have done.

Convenience over security - concerns about data privacy and security can be dismissed if we determine there is enough value provided by the service consuming your data i.e. a helpful AI persona.

What we Learnt

AI is a broad area - there are numerous potential uses for AI in our future. We are curious and cautious about this future, which made it difficult to scope down our project.

Future Work

Transparency

For AI systems to operate responsibly, honesty and transparency need to be at their core so that anyone can understand how and why a decision has been made, regardless of their knowledge of machine learning.

Fairness

Despite your best efforts, bias can make its way into AI. Ensure fairness and balanced outcomes with constant program monitoring, and proactively detect bias to ensure more balanced outcomes for everyone.

Education

Everyone who uses technology should have a basic awareness of information security and data collection practices. As more systems collect our personal data, we must be empowered to know how and why this data is being used.

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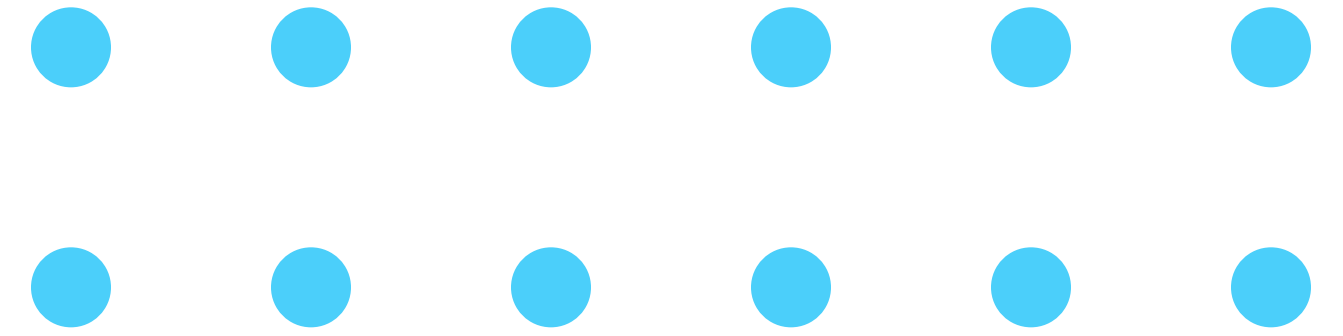
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Thank you!

Questions?