AHNJILI ZHUPARRIS

Ahnjili is a machine learning engineer, AI artist and science communicator interested in surveillance and algorithmic violence.

Ahnjili, a dedicated Machine Learning Engineer, AI Artist and science communicator, is deeply fascinated by the intricate interplay between AI, surveillance, and the realm of art. By blending her technical knowledge of AI with her creative pursuits, Ahnjili creatively repurposes common AI algorithms for unconventional artistic purposes, using them as a lens to reflect on and question the appropriate use of such technologies in society. Her work thoughtfully explores themes like predictive policing, Afrofuturism, and the complexities of digital identity. Through this innovative blend, she aims to broaden our understanding of the potential and implications of AI in our daily lives. Ahnjili's dedication to this intersection of technology and creativity has earned her notable recognitions, including the Mozilla Creative Media and Erasmus+ Grants. Notable among Ahnjili's achievements is "Future Wake," an interactive art project recognized with the Mozilla Creative Media Award in December 2021. This fictional web app turned the concept of predictive policing on its head by allowing citizens to predict instances of police brutality. Ahnjili's exhibitions, like "ARS Electronica: VOICES" and "Articulating Data: Babble On," offer immersive experiences that challenge perceptions of identity and privacy in the digital age. Ahnjili is also committed to sharing her knowledge, evident in workshops like "Introduction to Computer Vision-Based Surveillance" and "Introduction to Deep Fakes" These workshops aim to educate and inspire a new generation of artists and technologists. These workshops further aim to experiment with the boundaries of art and technology, fostering dialogue and reflection on crucial societal issues.

WEBSITES

Personal website

www.artificialnouveau.com

SOCIAL MEDIA

www.instagram.com/artificialnouveau/

EDUCATION

2019 - 2024	PhD in Advanced Data Analytics Leiden University
2016 - 2018	MSc in Cognitive Neuroscience Radboud universiteit diploma
2012 - 2016	BSc in Biomedical Sciences (with Honours) Edinburgh University diploma

EXHIBITIONS

2024	New Media Art Conference CICA Museum Seoul, Republic of Korea

PROJECTS

2022	SHIBBOLETH: CREATION OF A HYBRID VOICE Effi & Amir Brussels, Belgium

Fashion Police Drones In June 2024 at the CICA Museum, the Fashion Police Drone installation will be presented at the New Media Arts Conference in Korea. The Fashion Police Drones, armed with custom fashion recognition algorithms, will track individuals based on audience-defined criteria for "fashion crimes". Through this interactive experience, the exhibition challenges conventional perspectives about drone and AI applications, sparking discussions about the evolving landscape of surveillance and the ethical use of AI-driven technologies in our contemporary world. I am aim to trigger the audience's curiosity about the boundaries of surveillance, the potential consequences of automation in military application and law enforcement, and the societal implications of cultural profiling. TBD Group

2023   VOICES IMPAKT festival Utrecht, Netherlands VOICES, an interactive installation, invites participants to co-create a sound-art composition with their voice. Participants are asked to record a secret. In return, they can be visually guided through the processing, analysis, and cloning of their voice recordings by various Machine Listening algorithms, and can experience a sound-art composition in which their voice narrates the secrets of others. This immersive experience aims to shed light on the otherwise opaque inner workings of machine listening. VOICES COLLECTIVE has been granted "the European Festivals Fund for Emerging Artists". This grant, coupled with the support from IMPAKT, has enabled to bring the VOICES installation to life with an exhibition at ARS ELECTRONICA 2023. impakt.nl/events/2023/exhibition/code-ars-electronica-2023/ Group

2023   VOICES Ars Electronica Linz, Austria VOICES, an interactive installation, invites participants to co-create a sound-art composition with their voice. Participants are asked to record a secret. In return, they can be visually

effiandamir.net/index.php?id=538 We produced a 'dual voice' - that transforms fluidly from a recognizable voice of Speaker A to a voice of a Speaker B while speaking. With the "switch" happening at points of sonic uncertainty in the voice output, where a certain articulation or tonal quality could belong to either speaker. The generated algorithm was used in the 'The 8th Letter' theater performance of Effi and Amir (November 2022/ https://effiandamir.net/index.php?id=538).

guided through the processing, analysis, and cloning of their voice recordings by various Machine Listening algorithms, and can experience a sound-art composition in which their voice narrates the secrets of others. This immersive experience aims to shed light on the otherwise opaque inner workings of machine listening. VOICES COLLECTIVE has been granted "the European Festivals Fund for Emerging Artists". This grant, coupled with the support from IMPAKT, has enabled to bring the VOICES installation to life with an exhibition at ARS ELECTRONICA 2023. impakt.nl/events/2023/exhibition/code-ars-electronica-2023/ Group

2023   Articulating Data Articulating Data Edinburgh, United Kingdom Babble-on is a web-based installation allowing users to create personalized babble tapes by recording 2-3 sentences into a microphone. The audio is sliced and remixed to maintain the same audio properties of their voices. Users can download their tapes to disguise their conversations from audio surveillance. Presented at the Articulating Data conference 2023. articulatingdata.com/ Solo

2021   This Machine Is Black Identity 2.0 London, United Kingdom This exhibition explored how Afrofuturism can be used to remove (or at least alleviate) the normative pressure that AI puts on non-normative bodies. Although with a few exceptions, the black experience has largely been invisible in AI datasets. I trained a series of generative AI algorithms on Afrofuturistic datasets to envision the future of the Afrofuturism aesthetic. identity20.org/thismachineisblack/ Group

INTERNATIONAL EXCHANGES/RESIDENCIES

2023   Impakt CODE: Reclaiming Digital

COMMISSIONS

2023   Digital Pioneers: A Visionary Prelude Stichting Impakt Utrecht, Netherlands "Digital Pioneers: A Visionary Prelude" is a

Rights, Netherlands VOICES, an interactive installation, invites participants to co-create a sound-art composition with their voice. Participants are asked to record a secret. In return, they can be visually guided through the processing, analysis, and cloning of their voice recordings by various Machine Listening algorithms, and can experience a sound-art composition in which their voice narrates the secrets of others. This immersive experience aims to shed light on the otherwise opaque inner workings of machine listening. VOICES COLLECTIVE has been granted "the European Festivals Fund for Emerging Artists". This grant, coupled with the support from IMPAKT, has enabled to bring the VOICES installation to life with an exhibition at ARS ELECTRONICA 2023. impakt.nl/nl/residencies-projects/2023/code-programme-2023-41799/

2022   Anais Berck ANAÏS BERCK: AN ALGOLITERARY PUBLISHING HOUSE, Belgium During the residency we developed algoliterary publications. These are publishing experiments with algorithms and literary, scientific, and activist datasets about trees and nature. We ask ourselves: who and what is excluded, made invisible or exploited in the existent representations, discourses, tools, and practices? To address these questions, we used decision tree algorithms to sort the histories of tree nomenclature. algoliterarypublishing.net/

digital artwork that blends technology and art, creating a cheeky introduction to the IMPAKT festival 2023. This piece features deepfake representations of three prominent tech CEOs, not as mere figures of authority, but as digital orators guiding the audience through the evolving landscape of technology and art. Each CEO's deepfake delivers a segment of the festival's introduction, focusing on themes closely aligned with their real-world contributions and visions. The first segment delves into the transformative power of technology in art, emphasizing innovation and the breaking of traditional boundaries. The second part addresses the ethical considerations and societal impacts of tech advancements, encouraging viewers to ponder the responsibilities that come with innovation. The final segment looks to the future, inspiring a dialogue about the potential of technology in shaping new forms of artistic expression. The artwork is not just a visual spectacle but an auditory experience as well. The deepfakes' voices have been modulated to create a harmonious symphony, symbolizing the unity and collaborative potential within the tech and art communities. "Digital Pioneers" does more than just introduce a festival; it stands as a testament to the ever-blurring lines between human creativity and technological prowess, inviting viewers to explore the endless possibilities at the intersection of art and technology. www.impaktfestival.nl finished

SALES/WORKS IN COLLECTIONS

2021   Identity 2.0 This Machine Is Black London, Verenigd Koninkrijk This exhibition explored how Afrofuturism can be used to remove (or at least alleviate) the normative pressure that AI puts on non-normative bodies. Although with a few exceptions, the black experience has largely been invisible in AI datasets. I trained a series

PUBLICATIONS

2024   Embodying Data, Shifting Perspective: a conversation with Ahnjili Zhuparris on Future Wake. In: Doing Digital Migration Studies. Book Amsterdam: Amsterdam University Press Wevers, R Edited by Ponzanesi, S. and Leurs, Koen. Amsterdam, Netherlands

2022   Can AI imagine the next victims of police violence? Future Wake explores injustice

of generative AI algorithms on Afrofuturistic datasets to envision the future of the Afrofuturism aesthetic.

through code It's Nice That London, United Kingdom www.itsnicethat.com/articles/future-wake-can-ai-imagine-police-violence-digital-opinion-120122 What are the issues with using AI for predictive policing? Could it reduce crime or does it reinforce racial biases in the criminal justice system? The co-founder of art project Future Wake examines unjust policing using AI and storytelling.

2021   Supermens: Ahnjili op Tinder Book Bot Uitgevers Peter Joost Netherlands www.peterjoosten.net/supermens/ De cyclus van vrouwen meten in relatie tot Tinder

2021   This horrifying AI model predicts future instances of police brutality Fast Company Mark Sullivan United States www.fastcompany.com/90689806/ai-police-brutality-predictions-future-wake A searing critique of predictive policing, Future Wake uses past data on police violence to predict where it might occur in the future—and who will be targeted.

2021   Future Wake: the AI art project that predicts police violence coda story Caitlin Thompson United Kingdom www.codastory.com/authoritarian-tech/future-wake-predictive-policing/ Future Wake: the AI art project that predicts police violence Winner of the Mozilla Creative Media award for 2021, an interactive website calculates when and where fatal encounters with law enforcement will occur — and tells the stories of the victims

2021   Artists create AI that predicts who the police will kill next The next web Thomas Macaulay Netherlands thenextweb.com/news/future-wake-ai-predicts-who-police-will-kill-next Future Wake tells the stories of potential victims

REVIEWS

2023   Ahnjili ZhuParris & Jan Zuiderveld - Artificial Intelligence, Autonomous Objects & Algorithmic Violence Radio Cross Pollination The Hague,

AWARDS AND GRANTS

2023   VOICES European Festivals Fund for Emerging Artists Netherlands VOICES, an interactive installation, invites participants to co-create a sound-art composition with

Netherlands podcasts.apple.com/us/podcast/cross-pollination/id1632059837?i=1000639042537 Ahnjili is a machine learning engineer, Ph.D. candidate, artist, and science communicator currently working at an AI startup that specializes in developing deep learning models for facial augmentation. Ahnjili's academic research centers around the development of biomarkers for monitoring mental and physical well-being using smartphones and wearables, with a particular focus on their application in clinical trials. Ahnjili's artistic research and science communication efforts are dedicated to raising awareness about A.I. and algorithmic violence, which encompasses the violence that may arise from or be justified by automated decision-making systems. Through her work, Ahnjili aims to educate the public and promote discussions about the ethical implications of these technologies in our society.

2020   On Data Radio Bartalk The Hague, Netherlands bartalkdh.files.wordpress.com/2021/07/bartalk-podcast-22_-translation-episode-1-1.pdf BARTALK is a lecture, performance, and storytelling series that usually takes place in different bars in the Hague. Each of our podcast seasons has a different theme featuring one guest per episode offering their unique perspective.

their voice. Participants are asked to record a secret. In return, they can be visually guided through the processing, analysis, and cloning of their voice recordings by various Machine Listening algorithms, and can experience a sound-art composition in which their voice narrates the secrets of others. This immersive experience aims to shed light on the otherwise opaque inner workings of machine listening. VOICES COLLECTIVE has been granted "the European Festivals Fund for Emerging Artists". This grant, coupled with the support from IMPAKT, has enabled to bring the VOICES installation to life with an exhibition at ARS ELECTRONICA 2023.

2021   Mozilla Creative Media Awards Mozilla Foundation United States MOZILLA CREATIVE MEDIA AWARDS: Future Wake (www.futurewake.com) is an interactive art project turns the practice of predictive policing upside down, instead, it allows citizens to predict police brutality. We used to machine learning to predict who, when and how the next victim would die. Further, we used deepfake algorithms to generate the faces of the next victims.

SECONDARY ART-RELATED ACTIVITIES

2023 - --   Instruction of The Introduction to Deep Fakes workshops (taught at IMPAKT festival) On-going

2023 - --   Instruction of The Introduction to AI for artists workshops (taught at UAL) On-going

2023 - --   Instruction of The Introduction to Machine Listening for Artists workshops (taught at Piet Zwart

Institute) On-going

2022 - -- Instruction of The Introduction to
Generative AI workshops (taught at iii)
On-going

2022 - -- Instruction of The Introduction to
Computer-Vision Surveillance for
Artists workshops (taught at HKU) On-
going

Are Pigeons Better than AI? Interview with The Hmm,
2023

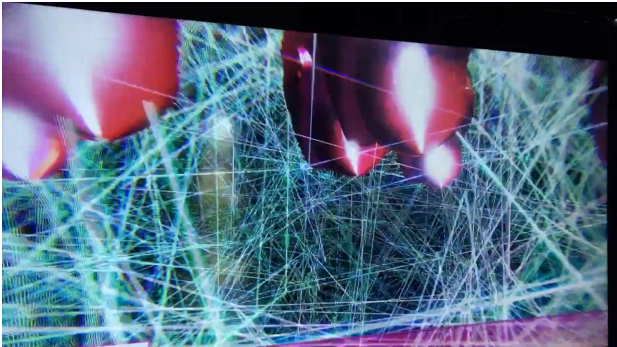Introduction to Voice Cloning Workshop at iii, 2023

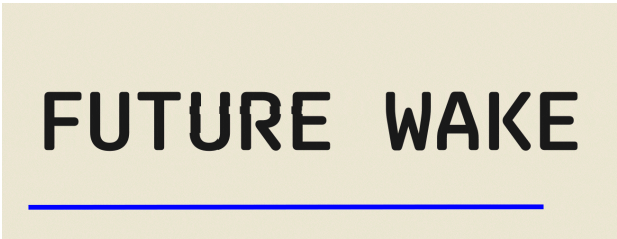Beginner's Guide to AI Art Workshop at iii, 2023

BabbleMe, 2023
1 min 7 seconds

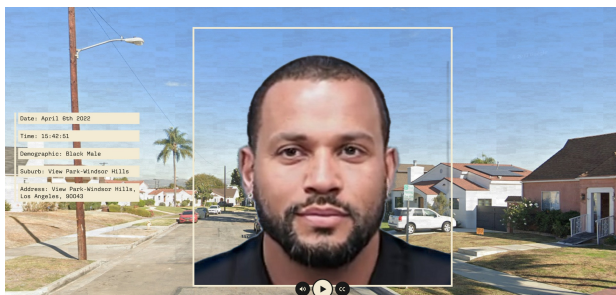Cross Pollination Podcast Interview, 2021

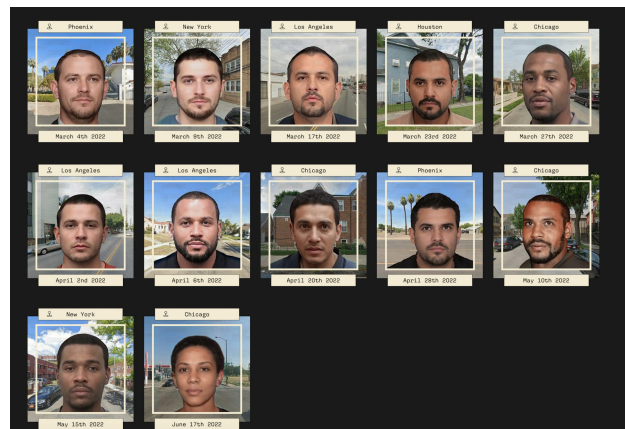VOICES at Ars Electronica, 2021
29 seconds

Future Wake I, 2021

Digital Pioneers: A Visionary Prelude for the IMPAKT
Festival 2023, 2021
1 minute 3 seconds

Future Wake III, 2021
Generated using DeepFakes

Future Wake II, 2021
Generated Using Deep Fakes