

AHNJILI ZHUPARRIS

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OBJECTIVE

As a data scientist, AI artist, and science communicator, I enjoy exploring and experimenting with different art forms that use data, AI, and surveillance technologies. Together, I use these components to push boundaries and provoke discussion and reflection on topics such as predictive policing, voice and identity, digital surveillance, and Afrofuturism. To achieve this, I aim to create innovative and thought-provoking projects, collaborate with other artists and experts in different fields, and share my knowledge and skills through workshops and teaching.

SKILLS

Programming Languages: Python, R, Pyspark, SQL, Javascript

Analytics: Machine Learning, Data Mining, Audio Analysis, Natural Language Processing, Computer Vision

Languages: English (Native Language), Mandarin (B1), Dutch (B1)

Git Repo: <https://github.com/artificialnouveau>

Website: <https://artificialnouveau.github.io/>

ART AWARDS

MOZILLA CREATIVE MEDIA AWARDS: FUTURE WAKE

DECEMBER 2021

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. I used to machine learning to predict who, when and how the next victim would die. Further, I used deepfake algorithms to generate the faces of the next victims.

FUNDED ART PROJECTS

SHIBBOLETH: CREATION OF A HYBRID VOICE

NOVEMBER 2022

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>).

ART RESIDENCIES

IMPAKT: CODE

JANUARY TO SEPTEMBER 2023

VOICES is an art installation that explored issues relating to voice privacy and voice ownership by enabling audience members to encrypt their recorded secrets in another person's voice. The installation challenged the visitors to consider the implications of recreating the voice of the deceased or cloning voices of living individuals without their consent. Presented at CPDP conference and Ars Electronica Festival 2023.

ANAÏS BERCK: AN ALGOLITERARY PUBLISHING HOUSE

SEPTEMBER – OCTOBER 2022

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.

ART EXHIBITIONS

ARS ELECTRONICA: VOICES

SEPTEMBER 2023

For this immersive experience, participants were encouraged to share a secret in a confession booth. Their voices were then cloned, and this cloned voice would reveal another individual's secret, illustrating a daisy chain of anonymous secret sharing. This innovative concept emphasizes the fluidity and vulnerabilities of personal identity in the age of technology. This exhibition was supported by IMPAKT, Transmediale, Werktank, and the EFFEa.

ARTICULATING DATA: BABBLE ON

MAY 2023

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.

IDENTITY 2.0: AFROFUTURISM MEETS AI

SEPTEMBER 2021

For this exhibition, I 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.

ART WORKSHOPS

HKU: INTRODUCTION TO COMPUTER VISION-BASED SURVEILLANCE FOR PHOTOGRAPHY STUDENTS

DECEMBER 2022

Computer vision algorithms can extract a wide variety of visual features from images. These algorithms have been used to detect adult content, violent images, identify specific brands, and to identify and analyze human faces. In this course, participants learned to see an image through the eye of a computer. We explored how computers extract information such as biometrics, emotions, objects, and locations.

iii: INTRODUCTION TO GENERATIVE ART

OCTOBER 2022

In this workshop, participants learned about how to use and customize Generative Adversarial Networks (GANs) for text-to-text generation, text-to-image generation, and image-to-image generation.

EDUCATION

LEIDEN UNIVERSITY, NETHERLANDS

2019-Current

Doctor of Philosophy (PhD) Candidate in Clinical Neuropharmacology & Advanced Data Analytics

RADBOUD UNIVERSITY NIJMEGEN, NETHERLANDS

2015-2017

Research Master's Degree in Cognitive Neuroscience

UNIVERSITY OF EDINBURGH, UNITED KINGDOM

2011-2015

Biomedical Bachelor's Degree with Honours in Neuroscience

PUBLICATIONS

Joosten P. Supermens. Chapter III: Ahnjili Op Tinder. First Edit. Bot Uitgevers; Available from: <https://www.peterjoosten.net/supermens/>

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