AHNJILI ZHUPARRIS, PHD

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OBJECTIVE

As an AI engineer, 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, Javascript
Machine Learning Tasks: Computer Vision, Generative AI, Voice Cloning and Analysis
Languages: English, Mandarin (B1), Dutch (B1)

EDUCATION

LEIDEN UNIVERSITY, NETHERLANDS   2020-2024

Doctor of Philosophy (PhD) in Medicine (with a focus on applied AI)

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

AWARDS, GRANTS, & FELLOWSHIPS

STIMULERING FONDS: FRESH PERSPECTIVE   **Netherlands, 2024**

PROCESSING FELLOWSHIP: SCREEN-TO-SOUNDSCAPE   **USA, 2024**

CONSTANT FELLOWSHIP: TECHNODISOBEDIENCE   **Belgium, 2024**

MOZILLA CREATIVE MEDIA AWARDS: FUTURE WAKE   **USA, 2021**

FUNDED ART PROJECTS, RESIDENCY & EXHIBITIONS

SCREEN-TO-SOUNDSCAPE   2024

Screen-to-Soundscape adopts a creative and experimental approach to reimagining screen reader voices. The project aims to develop a speculative design prototype that transforms a browser or screen into an immersive soundscape. This project was funded by **Constant**, the **Processing Foundation**, and the **Stimulerings Fonds**.

Fashion Police Drones 2024

Fashion Police Drones transforms drones into arbiters of fashion, inviting the audience to set the criteria for fashion norms through an interactive platform. As these drones patrol the gallery, they actively scan for and monitor attendees whose attire matches the audience-defined standards of fashion faux pas, ranging from light-hearted to culturally contentious. It was presented at the New Media Arts Conference at the **CICA Museum**.

VOICES 2023

VOICES is an interactive installation where participants record a secret. Their voice is processed and cloned by Machine Listening algorithms, guiding them through the transformation. In return, they hear their voice narrating the secrets of others as part of a sound-art composition. This group was supported by **IMPAKT**, **ARS Electronica**, and the **European Festival Fund for Emerging Artists (EFFEA)**. (Video Link)

SHIBBOLETH 2022

In collaboration with Jonathan Reus, we developed a unique 'dual voice' technology that seamlessly transitions between the distinct voices of two speakers. This transformation occurs during moments of sonic ambiguity, where specific articulations or tones could plausibly belong to either individual. This blended voice algorithm was exhibited in the **'The 8th Letter'** theater performance by **Effi and Amir** in November 2022.

FUTURE WAKE 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. This project was awarded by the **Mozilla Creative Media Awards**. (website)

FIELD TRIP: SYNTHETIC BIOLOGY DOCUMENTARY 2013

I contributed as an editor for the Field Trip Production of a documentary exploring the fascinating and controversial field of synthetic biology. The film examines this emerging approach to genetic engineering, where scientists and engineers treat DNA as programmable code and cells as systems built of genetic circuits. (Video Link)

LECTURES & WORKSHOPS

INTRODUCTION TO DEEP FAKES 2023 -Ongoing
University of Arts London (UAL), IMPAKT festival (Netherlands)

INTRODUCTION TO GENERATIVE AI IN VIDEOS 2023 -Ongoing
Artez University of the Arts (Netherlands)

INTRODUCTION TO COMPUTER VISION-BASED SURVEILLANCE 2022 -Ongoing
Hogeschool voor de Kunst Utrecht (HKU) (Netherlands)

INTRODUCTION TO GENERATIVE ART 2021 -Ongoing
Instrument Inventors (The Hague, NL)

PUBLICATIONS

Wevers, R. (2024) 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.