

VERA HOVELING

Curriculum Vitae September 2023



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Website

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PROFILE

Born: 16th of august 1989

Place of residence: Amsterdam

Goal: To use my skills to move towards a healthy and just planet

EXPERIENCE

FREELANCE SOFTWARE DEVELOPER

www.verahoveling.org / 2022-now

- Developing machine learning applications (for example in visualisation of music: www.musicons.io)
- Data visualisation and computer graphics techniques (portfolio: verahoveling.org)
- Design and development of websites and web apps (full-stack)

VISUAL EXPERT

TU Delft PRIME / 2019 - 2022

- Establishing the Visuals Team, which enhances first-year mathematics courses at the Delft University of Technology with illustrations and visualizations of mathematical concepts (for portfolio, see: prime-applets.ewi.tudelft.nl)
- Designing, storyboarding, animating, and programming animations and applets
- Editing scripts, organizing recordings, and storyboarding videos showcasing the applications of mathematics

COMPUTER GRAPHICS & AI DEVELOPER

Borges 3D / 2018-2019

- Developing web apps for touch-screen interfaces
- Enhancing rendering techniques with deep learning (by designing and training inpainting networks)

MEDIA ARTIST

Amsterdam / 2014-2019

- Designing and programming interactive installations for festivals and artistic games, shown during the Venice Biennale, among others
- Live video performances at festivals and events, for, among others: Amnesty International, Paradiso, Wooferland, Chasing the Hihat, FossilVrij NL, Stichting Landjuweel, Lotgenoten and DOOR

EDUCATION

MASTER COMPUTER SCIENCE

Track: Artificial Intelligence Techniques / Delft University of Technology / Delft / 2019 - 2023

TECHNISCHE INFORMATICA (BSC CUM LAUDE & HONOURS)

Variant: Multimedia analysis / Delft University of Technology / Delft / 2016 - 2019

BACHELOR OF FINE ART

Specialisation: Media arts / Gerrit Rietveld Academie / Amsterdam / 2011 - 2014

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SKILLS

PROGRAMMING LANGUAGES

- Python (proficient)
- C++ (advanced)
- JavaScript (advanced)
- Matlab (advanced)

FRAMEWORKS

- Pytorch, Keras, sklearn
- React
- FastAPI

COMPUTER PROGRAMMES

- Pycharm
- Webstorm
- Visual Studio
- Git
- Adobe Creative Suite
- Blender 3D

LANGUAGES

- Dutch (native)
- English (proficient)

EXTRACURRICULAR

INITIATOR ACTIVIST PROGRAMME RUIGOORD

Ruigoord / 2019- heden

- Organizing activist days and areas during festivals with, amongst others: Extinction Rebellion, Animal Rights, Sea-Watch, Clean Clothes Campaign, Local Conference of Youth, Carbon Conversations and Music Declares Emergency.
- Hosting en facilitating climate cafés (see also: www.klimaatcafe.org)
- Facilitator of workshop series 'Living with the climate crisis' (see also: www.levenmetdeklimatecrisis.org)

DESIGNER & ANIMATOR FOSSIL FREE NL

FossilFree NL / 2020-2022

- Designing materials for the social media campaign ABP Fossil Free
- Animating explainer and mock videos to support the campaigns ABP Fossil Free and ING Fossil Free
- Part of the communication group ING Fossil Free

FACTION SUPPORT CENTRAL STUDENT COUNCIL

Delft University of Technology / 2020 - 2021

- Portfolio holder for 'sustainability in facilities' and 'sustainability in education'
- Initiating student initiative to prompt the Executive Board to address ABP's investments
- Planning, designing, and executing a social media campaign for student council elections
- Responsible for managing internal affairs and treasurer

FACULTY STUDENT COUNCIL MEMBER

Delft University of Technology, EEMCS faculty/ 2019 - 2020

- Treasurer and portfolio holder for sustainability
- Responsible for establishing a GreenTeam for the EEMCS faculty