





# Yanna Elizabeth Smid

Creative Technologist & Computer Scientist



## About me

Computer Scientist with a creative mindset and a strong foundation in Data Science and AI, developed during my **Bioinformatics** bachelor's, which I received with honors. I expanded my interests through a master's in **Creative Intelligence and Technology**. During an exchange at Ohio State University, I enhanced my skills in the creative applications of computer science. Driven by curiosity and creativity, I aim to keep exploring how AI can be used to build innovative and meaningful solutions.

-  yanna.smid@gmail.com
-  <https://yannasmid.github.io/Portfolio/>
-  Leiden, the Netherlands
-  May 22<sup>nd</sup>, 2001
-  She/Her
-  [linkedin.com/in/yanna-smid-885714228](https://www.linkedin.com/in/yanna-smid-885714228)
-  Videogames, writing, reading, music, and drawing.

## Skills

### Technical

- Programming: Python, C#, C++, Java, Javascript, SQL, HTML
- Libraries: Torch, TensorFlow, NumPy, Pandas
- Data Analysis & Visualization
- Machine Learning
- Game Development

### Languages

- English (Fluent)
- Dutch (Native)
- Spanish (Basics)

### Soft Skills

- Project Coordination
- Problem-solving
- Analytical thinking
- Interdisciplinary Collaboration

## Work Experience

### Research Assistant

SAILS at LIACS

2025-Present

- Research at Leiden University.
- Transforming the Physical Twin Lab into a **Digital Twin Lab** in Unity.
- Collaborating with SAILS and Professors at LIACS

### Research Assistant

Leiden University

2024

- Linguistical Data Research to create **Word2Vectors** of narrative data.
- Applied Python tools such as **Scikit-learn** and **Pytorch**

## Education

### MSc. Creative Intelligence & Technology

LIACS, Leiden University

2023-Present

- Creative Scientific research, Hardware, and Deep Learning
- **Paper publication** on riddle solving abilities of LLM's
- Thesis on **Reinforcement Learning** in Strategy Video Games.
- Organizing master's alumni events "What's Next?".

### Exchange Program

Ohio State University, Columbus

2023

- GPA: 8.5
- Programming in **C++**
- **Data Visualization**, Art, and Animation
- Social activities on campus

### Teaching Assistant

Leiden University

2022-2025

- Assisted Human Computer Interaction, Research Fundamentals, and Foundations of Computer Systems.
- Project supervisor for students and course administrator

### Sales Assistant

Esprit Leiden

2019-2024

- Assisted customers in clothing store
- Maintained website and store database on WordPress
- Team management

### BSc. Bioinformatics

LIACS, Leiden University

2019-2023

- GPA: 8.3
- Learned skills such as **Programming** Languages, **Data Science**, and **Artificial Intelligence**.
- Thesis on the visualization of Anatomy and Gene Expression in **Virtual Reality**.

### Bilingual VWO (TTO)

Rijnlands Lyceum Sassenheim

2013-2019

- VWO diploma (science profile) with Math B & D
- **International Baccalaureate** (IB) diploma in 2019.
- **Cambridge English First** (FCE) in 2016.
- Part of the **student organization committee**.