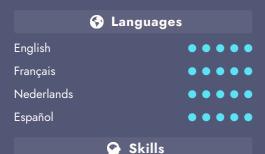
# Sebastiaan Indesteege

# Junior Data Scientist

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- **31/07/1991**
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- in sebastiaan-indesteege-08702a56
- o huragan

Following the arts and sciences that interest me, I hope to one day understand the essence of existence before my own fades away. Today artificial intelligence is more interesting than ever and I strive to know more.



# Programming

C#, Python, GDScript, GLSL

#### Machine Learning

Scikit-learn, Huggingface transformers & diffusers, PyTorch, NLP: NLTK & Spacy, CV: Stable Diffusion, AUDIO: STT & TTS & RVC

#### **Data Analysis**

SQL, Pandas, Numpy, Matplotlib, Seaborn

# Deployment

Streamlit, FastAPI, Docker, Gradio

# **Visual Design**

Photoshop, Pixel Shading

#### Music Production

Composition, Mixing, Mastering

# Soft Skills

Autodidact — I can learn alone

People skills — I can lead a team

Curious — I like to know more

### Projects

# BeCode, Corporate use-cases & personal challenges

03/2024 - 06/2024

- Developed app for visual latent-space exploration of a Conv-VAE. ☑
- Developed local RAG (Retrieval Augmented Generation).
- Coded a neural network from scratch using numpy.
- Developed a tariff plan prediction model for Orange.
- Developed a scraping tool for use with ImmoWeb website.
- Developed and deployed a price prediction model for ImmoWeb.

## **Procedural Modeling, Animation & Texturing**

2022 - present

Modeling, animating and texturing programmatically to make unique and dynamic assets: generating terrain meshes, inverse kinematics, real-time texture rendering by GPU with custom shaders in GLSL...

#### **Exploratory Game Development**

2015 - present

Vector math, trajectory predictions, ray-bending, navigation, cellular automata, 2d car steering with autopilot, 2d roadmap generation...

#### **Music Production**

07/2007 - present

I create all kinds of tracks, compositions and sound effects. I've honed my audio engineering skills for a while.

# **Professional Experience**

#### BeCode, Data Scientist

01/2024 - 08/2024

#### Hopono (smartbe), Construction / Woodworking

11/2023 - 12/2023

#### Louis De Waele, Welder / Ironworker

05/2023 - 08/2023

#### Recyclart, Valorist / Animator / Welder / Ironworker

10/2021 - 10/2022

# Centre Culturel l'Armillaire, Receptionist

2017 - 2018

# Interim, Various missions

2016 - 2023

# Belgacom, Quality Control

2016

# Education

#### Industrial Welder HLO45, Technicity

2018 - 2020 | Brussels, Belgium

# Industrial Sciences / Multimedia, Erasmushogeschool Brussel

2013 - 2016 | Brussels, Belgium

# Digital Media Design, Haute École Albert Jacquard

2009 - 2012 | Namur, Belgium

# Maths & Science, Don Boscocollege Zwijnaarde

2005 - 2009 | Ghent, Belgium