

DENIS TOPALLAJ

Data Scientist | Software Developer

✉ denis.topallaj13@gmail.com <https://github.com/detopall>
<https://denis-topallaj-portfolio.web.app/>



EXPERIENCE

Intern

ML6

- 📅 02/2024 - 05/2024 📍 Gent, Belgium
- Created 10+ Biology and AI components used for a Fondant pipeline with Docker
 - Assisted with a full stack DBTL pipeline application
 - Found and solved issues in the Fondant framework

EDUCATION

Bachelor Applied Computer Science - Major in AI

Howest University of Applied Sciences

📅 01/2021 - 01/2024 📍 Bruges, Belgium

Master of Science in Industrial Sciences

University Gent

- 📅 09/2024 - 09/2025 📍 Gent, Belgium
- Learned a lot about myself and my interests, but sadly didn't finish this degree

PROJECTS

BrainRotTok

🔗 <https://github.com/Detopall/BrainRotTok/>

A project that generates iconic TikTok-style videos for easy content creation.

- Developed a platform for generating TikTok-style videos by combining random videos with subtitles.
- Utilized React with TypeScript for the frontend, Python with FastAPI for the backend, and Whisper for AI-driven transcription.
- Deployed using Docker, ensuring scalable and efficient usage.
- Demonstrated skills in full-stack development, AI integration, and media processing.
- Achieved 18 GitHub stars and 3 forks, showcasing community interest.

Manga Panel Translator

🔗 <https://huggingface.co/spaces/DenisT/manga-translator/>

Automates translation of Japanese manga chapters into English for immediate reading.

- Developed a platform to translate Japanese manga chapters into English by detecting speech bubbles with YOLOv8, extracting text, translating it and replacing the Japanese ones.
- Created a user-friendly interface using Gradio, hosted on Hugging Face Spaces.
- Demonstrated skills in computer vision, NLP, and UI development.
- Achieved 2 GitHub stars, 1 fork, 5 likes on Hugging Face, and over 1,500 total viewers.

SUMMARY

As an aspiring applied informatician, I'm driven by the excitement of combining my technical expertise with creativity to develop game-changing solutions that harness the power of AI. I aim to apply my technical expertise to drive innovation and collaboration by working on forward-thinking projects

LANGUAGES

Dutch	Advanced
Albanian	Advanced
English	Advanced

SKILLS

HTML	CSS	JavaScript
TypeScript	React	Python
Java	MySQL	MongoDB
PostgreSQL	Docker	FastAPI
TensorFlow	Git	Linux

FIND ME ONLINE

- 🌐 **Portfolio**
<https://denis-topallaj-portfolio.web.app/>
- 🌐 **LinkedIn**
<https://www.linkedin.com/in/denis-topallaj/>
- 🌐 **GitHub**
<https://github.com/Detopall/>
- 🌐 **Hugging Face**
<https://huggingface.co/spaces/DenisT/>