

DENIS TOPALLAJ

DATA SCIENTIST

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Goal

As a dedicated student of Applied Informatics (AI), I strive to utilize my technical skills and develop innovative solutions. In doing so, I also aim to contribute to advancements in the field of AI. My goal is to collaborate on innovative projects with other AI specialists.

Skills & abilities

HTML | CSS | Java | JavaScript | MySQL | TypeScript | ReactJS | Node.js | Express | Express handlebars | MongoDB | Git | GitLab | GitHub | Unit Testing | OOP | Docker | Flask | TensorFlow | Python | Linux | Windows | Jupyter Notebooks | Front-end | Back-end | Full-Stack | Dutch | English | Albanian

Education

HOWEST UNIVERSITY OF APPLIED SCIENCES

Bachelor Applied Computer Science (Major in AI) | 2021-2024

UNIVERSITY GENT

Master of Science in Industrial Sciences: Computer Science (Major in AI) | 2024-2026

Projects

HANDWRITING HIRAGANA QUIZ

- An AI-model created that can classify 48 Hiragana characters.
- A quiz created that can be played as a web app to practice different characters.
- Used: HTML, CSS, JS, React, Python, FastAPI and Tensorflow.
- Code: <https://github.com/Detopall/handwriting-hiragana>.
- Demo: <https://huggingface.co/spaces/DenisT/hiragana-handwriting-app>

MANGA PANEL TRANSLATION

- Created an AI manga translator tool to translate manga panels.
- Used: HTML, CSS, JS, Python, FastAPI and Yolov8.
- Code: <https://github.com/Detopall/manga-translator>
- Demo: <https://huggingface.co/spaces/DenisT/manga-translator>

Experience

INTERNSHIP AT ML6

Intern | February 2024 – May 2024

- 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.
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