DANNY WASER

SWISS CITIZEN - 25 YEARS OLD

PROFILE

Passionate about conversational intelligence, I'm fluent in **French, English and Spanish**. With expertise in STT model design and full-stack development, I specialise in improving the accuracy of speech transcription and **creating conversational assistants**. My ability to migrate and **train AI models**, combined with my experience in translation tools, makes me a valuable asset for any AI company looking to innovate and optimise its solutions.

CONTACT

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https://waser.tech

https://github.com/wasertech

https://gitlab.com/wasertech

TECHNICAL SKILLS

GNU/Linux distribution, **Python**, **bash**, git, **docker**, HTML, CSS, JavaScript, tensorflow, torch, rasa, transformers, DeepSpeech/STT, TTS, prompt_toolkit, JelasticAPI, Django, node.js, cookiecutter, dataset management

LANGUAGES

- French (C2)
- English (C1)
- Spanish (C1)
- German (B1)

PERSONAL INTERESTS

Fan of astronomy, space opera, mountain trails, conscious slam and epic adventures.

PROFESSIONAL EXPERIENCE

Multimodal conversational agent developer

Waser Technologies | Jan. 2020 - July 2023

- **Web content manager (CMS)** 🔗
A complete software layer for deploying a robust, secure website.
- **Multi-modal language translator** 🔗
Fast translation tool that uses your material to translate using your preferred translation model.
- **Text-to-speech tools** 🔗 **and voice transcription** 🔗
listen, can transcribe the voice locally in real time and say synthesises the human voice locally.
- **Conversational agent** 🔗
My implementation of a personal assistant that I use regularly to make my work easier. Its role is to interface the system and the user via natural language.

Speech recognition developer

Mozilla & Coqui-AI | Nov. 2021 - Dec. 2022

- **Update of the CommonVoice French model training image** 🔗
With Mozilla, we have re-implemented the DeepSpeech model training image with the STT (Speech-To-Text) project to continue transcribing French with our machines.
- **Migration from DeepSpeech to STT for the French-speaking pipeline** 🔗
With Coqui-AI, we have implemented various improvements to the STT project to enable training of French-speaking models.
- **Training new speech transcription models** 🔗
Finally, I published new models for French, using 2x as much higher quality augmented data in order to reduce the average word error rate by 10%.

ACADEMIC BACKGROUND

École de Culture Générale et de Commerce Gymnase de Beaulieu

CFC + MPC | Aug. 2014 - July 2017

- Federal Certificate of Competence as a Commercial Employee
- Commercial vocational diploma
- Certificate of general knowledge