

DANNY WASER

SWISS CITIZEN 26 YEARS OLD



PROFILE

Passionate about conversational intelligence, I'm fluent in French, English and Spanish. With expertise in language 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, make me a valuable asset for any AI company looking to innovate and optimise its solutions.

CONTACT

Ch. de la Chaumière 6, 1010 Lausanne
+41 (0) 78 911 98 34
danny@waser.tech
<https://waser.tech>
<https://github.com/wasertech>
<https://gitlab.com/wasertech>
<https://linkedin.com/in/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, epic adventures

PROFESSIONAL EXPERIENCE

Engineer in Artificial Intelligence (AI)

Synthflow AI | Jan. 2024 - March 2024

- Over the phone conversational agents
Modeling conversations over the phone to create production ready conversational agents.

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%.

Multimodal conversational agent developer

Waser Technologies | Jan. 2020 - July 2023

- 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.

CERTIFICATION

Google Advanced Data Analytics Professional Certificate

Google @ Coursera | Oct. 2023 - Nov. 2023