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

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TECHNICAL SKILLS

GNU/Linux distribution, Python, bash, git, docker, HTML, CSS, JavaScript, tensorflow, torch, 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
  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