

Victor Barra

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Education

Bachelor of Applied Computer Science

Sept 2021 – June 2024

Major: Artificial Intelligence

Howest University of Applied Science (Bruges, Belgium)

Personal projects

Movies app: (Nextjs, Python, Tailwindcss, Docker, Weaviate)

- Netflix clone featuring 680 movies sourced from TMDB
- Implemented a vector database to store and retrieve similar movies

SentimentAPI: (Nextjs, Python, Tailwindcss, NLP)

- Collaboration with a friend
- SentimentAPI is an API that allows users to analyze the sentiment of a text (NLP). Users can create API keys and use them to make requests to the API.

Sociali: (React, Express, Nodejs, AWS S3, Tailwindcss)

- Personal project to explore AWS
- Sociali is a full-stack Instagram clone and progressive web app where users can share their favorite photos with the world

Professional Experience : student jobs during summer & academic breaks

Machine Learning Intern, ML6

February 2024 - May 2024

Ghent, Belgium

- Building internal RAG solution
- RAG evaluation

Lifeguard

July 2019 - August 2022

Nieuwpoort, Belgium

- Responsible for securing a coastline area with a team of 5 lifeguards

Shop assistant

July 2017 - July 2019

Nieuwpoort, Belgium

- Responsible for the fruit section in a Carrefour Express supermarket

Skills

Languages:	Python, HTML, CSS, Tailwindcss, Javascript, Typescript
Technologies:	React, Nextjs, Nodejs, AWS S3, Cloudfront, Git, Docker
Databases:	MySQL, MongoDB, Firebase, Supabase
Data/AI:	Streamlit, TensorFlow, Scikit-learn, Pandas, Matplotlib, NumPy, Keras

Languages

Dutch (native proficiency) – English (professional proficiency) – French (professional proficiency)

Interests

Travel – Books – Golf – Running – House music