



Belgium Brussels
(+32) 492 057 621
jeanluctim@gmail.com
20/06/1997

Jean-Luc Timmermans

PROFESSIONAL EXPERIENCE

10/2021 – TODAY

Engineering Consultant at ALTEN:

- Electric Design Engineer at Tractebel in the Transmission and Distribution team
- ERTMS V&V Engineer at Alstom transport Charleroi (1 year, end 09/2022)

EDUCATION

2018-2020

Master's degree in Electromechanical Civil Engineering specialized in Energy.

Université catholique de Louvain (UCLouvain)

Cum laude

Master thesis: *Study and comparison of linear reluctance and flux switching permanent magnet motor in the context of railway propulsion (promotor: Professor Bruno Dehez).* In this master thesis, I investigated and optimized two topologies of linear electric motor by means of Finite Elements Method and Genetic Algorithm.

2015-2019

Bachelor's in Engineering.

Université catholique de Louvain (UCLouvain)

Major: Mechanics, Minor: Electricity

Cum laude

2009-2015

High-School – *Institut Saint-Boniface Parnasse, Ixelles*

LANGUAGES

French

Mother tongue (C2)

English

Fluent (B2)

Dutch

Basic notion (A1)

COMPUTER SKILLS

Languages

Python, C, java, Oz

Software

Matlab, Excel, Word, PowerPoint

INTERESTS

2020-2022

Member of the organization/Animation team of the "24h vélos du bois de la Cambre" event.

This competition brings together 10 000 scouts for a bike-race of 24 hours

2017-2020

Animator "Lutin" and animator "Pionnier" for "Les Guides de Belgique" (groups of children between 7-11 years old and between 17-18 years old)

Sport: running, swimming, skiing. Educational interests: **Energy transition, Renewable Energy, Data Science** : machine learning, deep learning