





 [Redacted]  
[Redacted] France   
 +33 [Redacted]  
 felix.touchte-codjo@etu.unistra.fr

Sex: Male   
Date of birth: February 11, 2001   
Place of birth: Nkoltang, Gabon   
Nationality: Beninese 



## EDUCATION

**UNIVERSITY OF STRASBOURG** 

September 2023 - June 2024

**Master in Particle Physics**

- Subatomic Physics and Astroparticles (PSA Master)
- Strasbourg QMAT student (with excellence scholarship)

**TELECOM PHYSIQUE STRASBOURG** 

September 2021 - August 2024

**Engineering degree in Physics and Modeling**

- Generalist diploma with specialization in physical modeling

**LEON MBA HIGH SCHOOL** 

September 2018 - August 2021

**Higher school preparatory classes in Mathematics and Physics (MP)**

- Valedictorian
- Admission to Telecom Physique Strasbourg


## EXPERIENCE

**IJCLab - Orsay** [France 

March 01 - August 15, 2024

**Trainee**

- Topic : Preparation of the ALERT experiment at the Jefferson Laboratory
- Work : Documentation, particle reconstruction

**CERN - Geneva** [Switzerland 

May 16 - August 16, 2023

**Trainee** (May 16 - June 15)

- Topic : Detector's stability study using the CERN's REMUS system
- Skill developed : `pandas` (Python library for `csv` files)

**Trainee** (June 16 - August 16)

- Topic : Outer Tracker simulation for luminosity measurement for HL-LHC
- Skill developed : `ROOT` (programming language)

**ICUBE Laboratory - Illkirch-Graffenstaden** [France 

July 04 - July 29, 2022

**Trainee**

- Topic : Characterization of a scintillometer
- Skill developed : `LabView` (graphical programming language)

## ACADEMIC PROJECTS

**Celestial slingshot**

February 2022 (1 week)

- Study of the classical two-bodies and three-bodies problems
- Simulation using the Runge-Kutta method (RK4) due to the inadequacy of Euler's method
- Skill developed : Vectorization, `MatLab` (programming language)

**Parallel Computation**

December 2023

- Parallelization of the computations of the set of Mandelbrot
- Various approaches : shared memory communication, distributed memory communication, both of them
- Skill developed : `openMP`, `MPI` (programming language for parallelization)

## COMPUTATIONAL SKILLS

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- Operational Systems: Linux [Ubuntu], Windows
- Programming Languages/Software: C/C++, ROOT, Python, MatLab, LabView, COMSOL Multiphysics, openMP, MPI
- Others:  $\text{\LaTeX}$ , HTML, CSS, Markdown

## COMMUNICATION SKILLS

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- English: Intermediate
- French: Native