SKILLS

- Proficient in Python
- Good knowledge of Tensorflow, PyTorch and CUDA optimization
- Experience in C, Ada, Caml, SQL, Matlab, Shell, Java and JavaScript
- Adaptability for new or loosely defined projects
- Excellent organizational and time-management skills

LANGAGES

- French (native)
- German (native)
- English (C2)

HOBBIES

- Cinema (amateur movie production, screenwriting)
- Music (production and DJ)
- Brazilian Jiu-Jitsu, Boxing

Paul **Louka**

Engineering student at ENSEEIHT
Toulouse, France

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latestdesign | latestdesign.github.io

EXPERIENCE

ENSEEIHT Student Association | 2023 - 2024

Member of a student society, as well as several clubs

- Organization of multiple events, staff member, set-up and dismantling of professional structures, project management (amateur movie and music production, activities).

National Food Bank | 11/2020

Volunteering

- Welcoming customers in supermarkets in order to collect donations for the national food bank.

INSERM U1148 Hôpital Bichat | 05/2018

Internship

- Observation internship (cell culture, pre-clinical experiments clinical experimentation, electron and fluorescence microscopy). Integrated into a team of researchers.

EDUCATION

Computer Science and Engineering | 2023 - 2026

École nationale supérieure d'Électrotechnique, d'Électronique, d'Informatique, d'Hydraulique et des Télécommunications

- Studying engineering, computer science, telecommunications and applied mathematics.

Preparatory School, Maths and Physics | 09/2020 - 07/2023

Lycée Fénelon, Paris, France

- Preparatory class for the grandes écoles, theoretical physics and mathematics. Computer science option.

Bac Scientifique | 06/2020

Lycée Massillon, Paris, France

- High School diploma, scientific option, equivalent to A levels with honors. European mention.

PROJECTS

Image object detection and localization algorithms

Skills: Tensorflow, OpenCV, PyTorch, Kaggle, CUDA

- Created a face detection algorithm using CNNs and Wider Face.
- Reproduced the YOLOv1 architecture using PyTorch and COCO.

Soccer match prediction algorithm

Skills: Tensorflow, Bayesian Optimization, Pandas, JSON

- Created from scratch. 20000+ match dataset built through web scraping. Global performance led to a statistical betting edge.