

## PERSONAL DETAILS

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Verrières-le-Buisson  
FRANCE  
23 y.o.

## COMPETENCIES

French : Native speaker  
English : Fluent  
(TOEFL 100 and TOEIC 930)  
German : Good working  
knowledge (B2 grade)  
Spanish : Beginner

Python, SQL, Java, C++,  
PyTorch, Tensorflow, CUDA,  
OpenCV and Pandas  
Linux and Android Studio

## INTERESTS

Participation in the IC Hello  
World 2021 Hackathon

BAFA certificate (to be an  
organizer in day care centers)

Participated in many tennis  
competitions and team matches  
with the "Tennis Club d'Antony"

Practising football in  
competitions with the Centrale  
Nantes football team

In charge of the "Events hub"  
during campaigns to elect the  
student union. Set up different  
events

Vice president of the association  
organizing music events and  
performances

## EDUCATION

- 2020-2021 **MSc Advanced Computing at Imperial College London, obtained with highest distinction**
- 2018-2020 **Student at "Ecole Centrale de Nantes"**, a highly selective French School of Engineering conferring a diploma equivalent to a Master's Degree with a specialisation in Computing
- 2016-2018 **Student in "Classes Préparatoires"**, a 2-year intensive program preparing for the national competitive exams for entry to French Schools of Engineering
- 2016 **"Baccalaureat S"**, equivalent to **A levels**, with specialised studies in maths, physics, chemistry and biology. Obtained with highest distinction

## EXPERIENCE

- Oct 2021 -  
March 2022 **European Space Agency (ESA), Paris**  
*Machine Learning Engineer*  
Development of machine learning algorithms for recognition of planetary materials from multispectral datasets
- April 2021 -  
Sept 2021 **Imperial College, London**  
*MSc Project*  
Development of a lipreading application using Pytorch and OpenCV for patients that have received a tracheostomy
- Summer  
2020 **Thales LAS, France**  
*Data Scientist*  
Worked with the innovation team on a predictive maintenance platform  
Implemented deep learning algorithms and conducted tests
- Autumn  
2019 **Nantes Hospital, France**  
*Software developer project*  
Developed application to control an automatic robot  
Implemented a video tracking software with the OpenCV library
- July 2019 **Eutectic Castolin, Verrières-le-Buisson, France**  
*Internship*  
Managed and programmed an articulated robot used in the welding industry and modelised assemblies on SolidWorks
- 2018-2020 **BRIO, Nantes, France**  
*Tutor*  
Organised cultural workshops every two weeks for disadvantaged teenagers