

# Yoann Piétri

PHD STUDENT AT SORBONNE UNIVERSITÉ

45 rue Carnot · 95170 Deuil-La-Barre · France

☎ 06.51.00.27.21 | ✉ pietri.yoann@nanoy.fr | 🌐 https://nanoy.fr | 📱 nanoy42 | Permis B



## Education

### Imperial College London

QUANTUM FIELDS AND FUNDAMENTAL FORCES

• Quantum mechanics, classical and quantum field theory, fundamental forces, standard model, general relativity, quantum information

London, United Kingdom

2019 – 2020

### CentraleSupélec

ENGINEER DEGREE

• Electrical engineering, Computer science, Telecommunications

Metz, France

2017 – 2019

### Lycée Jacques Decour (Mathematics, Physics and Industrial Sciences) and Lycée Condorcet (Mathematics and Physics)

PREPARATORY CLASS FOR ENGINEER SCHOOLS

• Mathematics and Physics

Paris, France

2015 – 2017

### Lycée Camille Saint Saens

BACHELOR'S DEGREE

• Mathematics, Physics, Biology  
• Distinction

Deuil-La-Barre, France

2012 – 2015

## Experiences

### LIP6 - Sorbonne Université

RESEARCH INTERNSHIP IN QUANTUM INFORMATION

• Continuous-Variable Quantum Key Distribution  
• Theoretical and experimental

Paris, France

March 2021 – July 2021

### Commissariat à l'Énergie Atomique et aux énergies alternatives (CEA)

SECOND YEAR OF ENGINEERING SCHOOL INTERNSHIP

• 2 months and an half long internship on distributing post-processing computations on a high number of nodes using ZeroMQ  
• Distributed computing, ZeroMQ, C++, Cmake

Bruyères-Le-Chatel, France

June 2019 – Sept. 2019

### RYG

FIRST YEAR OF ENGINEERING SCHOOL INTERNSHIP

• help the other workers in daily missions  
• prepare the machines (setup, cleaning...)  
• balance simple pieces  
• prepare and use the LASER cutting machine

Argenteuil, France

June 2018 – July 2018

### ActInSpace

PARTICIPATION TO THE ACTINSPACE INTERNATIONAL INNOVATION CONTEST

• Winning team for the Luxembourg  
• Participation to the international finals in Toulouse

Kayl, Luxembourg and Toulouse,  
France

2018

### Centre Régional des archives (Regional archives centre)

MIDDLE SCHOOL INTERNSHIP

• One week long  
• Sorting and classification of archived documents

Cergy, France

2011

## Skills

**Programming Languages** Python, C++, HPC/Big Data, Julia,  $\LaTeX$ , SQL, Git, Django, HTML, CSS, NoSQL, JavaScript, PHP, Matlab, Java  
**Other** Project management, Mathematics and Physics, Sysadmin

## Extracurricular

<b>Associative</b>	President of the video association of students, Treasurer (and founding member) of the Coopé Technopôle Metz (managing the polyvalent room, budget : 15000 euros/year), Secretary of the Rézo Metz (network association of the residence), Treasurer and Vice-Treasurer of the French Federation of Network Associations (FedeRez)
<b>Sailing</b>	Catamaran, sailboat
<b>Computer Science</b>	Programmation and networking
<b>Audiovisual</b>	Video, photography, cinema
<b>Zythology</b>	Tasting and amateur brewing