

Marc-Antoine Dor

NUCLEAR ENGINEER

21, rue Robespierre Apt. A312, Palaiseau, 91120

☎ (+33) 0652020230 | ✉ dormarcantoinedor@yahoo.fr | 🏠 perso.ensta-paris.fr/dor | 📱 marcantoinedor | 22 years old

Five or Six-month internship beginning in April 2020

Education

INSTN(Institut National des Sciences et Techniques Nucléaires)

Saclay, France

NUCLEAR ENGINEERING DEGREE

Sept. 2019 - Today

- Optimization, conception and work on nuclear plants: Nuclear physics, Neutron physics, Thermohydraulics, radiation protection, irradiated materials science, nuclear fuel.

ENSTA Paris, a leading engineering school in France

South of Paris

APPLIED MATHEMATICS, MECHANICAL AND PHYSICAL MODELING

2017/2019

- Partial derivative equations, Modeling, Statistical physics, Plasma physics, Fluid mechanics - CFD, Probability.
- Junio year, Multi-disciplinary curriculum: Mathematics, Physics, Computer Science, Culture, Sports.

Scientific Preparatory school

Paris 6è

MATHEMATICS AND PHYSICS

2015/2017

- Two years of preparation for national Engineering schools' entrance exams.

Baccalauréat Scientific section, *Honors*. Options: English, Ancient Greek, Music.

Nantes

EXTERNAT DES ENFANTS NANTAIS

2015

Experience

University of British Columbia

Vancouver B.C, Canada

SUMMER RESEARCH PROJECT (PHYSICS AND ASTRONOMY DEPARTMENT)

May 2019 - Jul. 2019

- Constraining Dark Matter halo mass function from weak gravitational lensing analysis with a Markov Chain Monte-Carlo algorithm.

Mathematics Examiner, Scientific Preparatory classes

Paris 6è, France

STANISLAS, PARIS 6È

2018/2019

Production internship, to discover the sector and entrepreneurial challenges.

Nantes, Brittany

PAT'FONDINES, HANDMADE BAKING FACTORY

July 2018

Skills

Programming Python, C/C++, Fortran 90, Shell Unix, Matlab, LaTeX

Web Vue.js, Javascript, Node.JS, HTML5/CSS, MongoDB

Languages English B2 level (good), Spanish B1 level (fair)

Interests & Miscellaneous

DaTA, computer club of ENSTA Paris (data-ensta.fr)

TREASURER

2017 - Today

- Development of web services and network, algorithm competitions, local network management, many projects.

GraviTation, Physics club of ENSTA Paris

ORGANIZER OF RISE², A DAY OF CONFERENCES WITH RESEARCHERS, COMPANIES AND START-UPS

2017/2018

TAducoeur, Charity association at ENSTA Paris

ACADEMIC SUPPORT FOR HIGH SCHOOL STUDENTS & OTHER INVOLVEMENTS

2017 - Today

Scouts Unitaires de France, boy-scouts

10 YEARS OF SERVICE FROM 9 YEARS OLD TO 22.

2006-2019