

Edgar N. Jaber

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EDUCATION

- 2023-2026 **UNIVERSITÉ PARIS-SACLAY** Paris-Saclay, France
PhD in Applied Mathematics
Working on the development of hybrid approaches between deterministic and statistical prevision models. Industrial collaboration with EDF R&D.
- 2018-2022 **CENTRALESUPÉLEC** Paris-Saclay, France
MSc. in Engineering
3rd year specialization in Applied Mathematics.
Part of the Maths-Physique research track.
Relevant coursework: *Harmonic analysis, Topics in Mathematical Physics, Stochastic PDE's*
- 2021-2022 **UNIVERSITÉ PARIS-SACLAY** Paris-Saclay, France
MSc. in Mathematics
M2 Analyse, Modélisation et Simulation
Relevant coursework: *Elliptic PDE's, Analysis of Euler and Navier-Stokes Equations, Optimal transport, Kinetic models*
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WORK EXPERIENCE

- Jun 22 - Oct 22 **EDF R&D - PRISME DEPARTMENT.** Paris, France
(6 months) **Junior Research Engineer**
 - Work on applying Uncertainty Quantification methodology to a Thermohydraulic fouling code.
- Jan 21 - Jul 21 **CNRS - INSTITUT LANGEVIN** Paris, France
(6 months) **Junior Research Scientist intern**
 - Work on the mathematical modelling of light open channels in complex media using Monte-Carlo simulations.
- Jul 20 - Dec 20 **CNRS - APC LABORATORY** Paris, France
(6 months) **Junior Data Scientist intern**
 - Part of the QUBIC collaboration, a project in search of the B-modes of the Cosmic Microwave Background.
 - Working on cosmology data analysis topics.
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LANGUAGE & IT SKILLS

- Language:** French (Native), English (Native), Romanian (Native), German (Intermediate).
 - IT:** Python, LaTeX, Git, MatLab, R, SQL, HTML, Office suite (PowerPoint, Excel, Word)
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MUSICAL ACTIVITIES

- Classical Piano:** German Classical and Romantic repertoire. Early XXth century French impressionism and European modernism. Chamber music, accompaniment ...
 - Conducting:** Currently in charge of the Orchestre du Collège Néerlandais at Cité Universitaire.
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VOLUNTEERING

- President of the residents committee of Fondation des États-Unis:** American house of the Cité Internationale Universitaire de Paris. In charge of a team of 10 people, organization of house events, parties and get-togethers. Close work with the administration on various topics including culture, sustainable development and house life.