



Zakaria Otmane

Engineering Student in Mathematics

Profile

Contact



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Address

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Expertise

Mathematical Analysis

- Stochastic Processes & Statistical Modeling
- PDE-Based Modeling
- Optimization under Constraints

Programming

- MATLAB
- Python
- C/C++

Language

- French : Native
- English : B2
- Spanish : B1

Experience

2025

Instituto Superior Técnico (IST), Universidade de Lisboa

Research Intern in Optimal Transport

Theoretical and numerical introduction to image processing through Sinkhorn-type algorithms.

2024 - Now

INSA-Rennes, Université de Rennes, IRMAR

Research Initiation Project

Several stimulating academic projects focused on the study of the Riemann zeta function, holomorphic ODEs, and computer-assisted construction of PDE solutions.

Education

2025 - Now

Université de Rennes

Master's in Pure Mathematics

Advanced courses in algebra, analysis and probability, with a focus on PDEs.

2023 - Now

INSA-Rennes

Engineering Degree in Applied Mathematics

Solid training in statistics, optimization, and numerical analysis.

2021-2023

Lycée Dupuy de Lôme

Preparatory Classes MPSI-MP

Intensive training in mathematics and physics.

Professional web pages

LinkedIn profile

Link : linkedin.com/in/zakaria-otmane-561

Personal website

Link : <https://zakaria183.github.io/zakaria-otmane-website/>