

YASSINE BOUKHATEB

PH.D. STUDENT IN STATISTICS

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Office 3032, ENSAE/CREST, Palaiseau, France

EDUCATION

CREST-ENSAE – Institut Polytechnique de Paris Ph.D. in Statistics Supervised by Victor-Emmanuel Brunel and Austin J. Stromme	Oct. 2025 – Present Palaiseau, France
Institut des Mathématiques d’Orsay – Université Paris-Saclay M.Sc. in Probability and Statistics	2024 – 2025 Orsay, France
ENSAE – Institut Polytechnique de Paris Engineering curriculum in mathematical statistics and economics	2022 – 2025 Palaiseau, France
Lycée Louis-Le-Grand Classes préparatoires aux grandes écoles (MPSI – MP*) <i>Intensive undergraduate program in mathematics and physics</i>	2020 – 2022 Paris, France

RESEARCH INTERESTS

Probability and statistics in geometric and metric settings; concentration phenomena; nonparametric statistics; geometric functional analysis.

RESEARCH EXPERIENCE

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| Master’s Thesis Internship
<i>Supervisors: Damien Garreau (JMU Würzburg) and Eddie Aamari (ENS Paris)</i> | May 2025 – Sept. 2025
Würzburg, Germany |
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- Worked on the theoretical analysis of UMAP via dynamical systems techniques.
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| Research Internship in Mathematics
<i>Supervisor: Victor-Emmanuel Brunel (CREST)</i> | Jun. 2024 – Oct. 2024
Palaiseau, France |
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- Studied Klartag’s central limit theorem for convex bodies, with emphasis on Stein’s method and techniques from convex geometry.

TEACHING EXPERIENCE

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| Lecturer and Teaching Assistant, ENSAE Paris
<i>Differential and Integral Calculus (undergraduate)</i> | Fall 2026
Palaiseau, France |
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- Lectures (9 hours) and tutorial sessions; lecture notes in preparation.
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| Teaching Assistant, ENSAE Paris
<i>64 hours of tutorial classes for undergraduate and graduate students, with about 25 students per group</i> | Fall 2025
Palaiseau, France |
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- Functional and Convex Analysis ([Prof. L. Decreusefond](#)): undergraduate course.
 - Stochastic Processes ([Prof. N. Chopin](#)): graduate course.
 - Statistics ([Prof. A. Dalalyan](#)): graduate course.

ACADEMIC SERVICE

Organizer, CREST Statistics PhD Seminar CREST-ENSAE	2026 – 2027 Palaiseau, France
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CONFERENCES AND SCHOOLS

Annual Summer School on Mathematical Aspects of Data Science

Institute for Mathematical Sciences, NUS

Singapore

Jun. 22 – Jul. 1, 2026

Journées de la statistique I2E

ENSAI — organized by Insee, ENSAE, and ENSAI

Jun. 9 – 10, 2026

Rennes, France

Geometry in Data Workshop

Nantes Université

Jun. 2025

Nantes, France

INDUSTRY EXPERIENCE

Data Analyst Intern

Clap Partners, HR consulting firm

Jun. 2023 – Aug. 2023

Montrouge, France

SKILLS AND LANGUAGES

Languages

French (native), English (proficient), Spanish (beginner)

Technical Skills

Python, LaTeX, Git/GitHub