

JULIEN CHHOR

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Experience

Research

Harvard University

Postdoctoral Fellow. Advised by Rajarshi Mukherjee and Subhabrata Sen

Sep. 2022 – Current

Palaiseau, France

CREST/ENSAE: PhD in Mathematical Statistics

Advised by Alexandre Tsybakov

Sep. 2019 – Aug. 2022

Palaiseau, France

OvGU Magdeburg

Research intern in Mathematical Statistics. Advised by Alexandra Carpentier

Apr. 2019 – Aug. 2019

Magdeburg, Germany

Michigan State University

Research intern in Bayesian Statistics. Advised by Frederi Viens

Apr. 2018 – Aug. 2018

Michigan, USA

Teaching

ENSAE Paris

Teaching assistant: Measure Theory, Advanced Statistics, Nonparametric Statistics, Optimization, Online Learning and Aggregation, Machine Learning

Sep. 2019 – current

Palaiseau, France

ENSAE Paris

Examiner in Mathematics for the oral entrance exams

May 2021 and 2022

Palaiseau, France

Miscellaneous

Société Générale

Intern in credit risk modelling

Jun. 2017 – Aug. 2017

La Défense, France

Education

MVA (Mathematics, Vision and Learning)

Research-oriented master in Computer Vision and Machine Learning. Diploma awarded with highest honors

Sep. 2018 – Aug. 2019

ENS Cachan, France

ENSAE Paris

Spec. Statistics and Machine Learning

Sep. 2018 – Aug. 2019

Palaiseau, France

Ecole polytechnique

France's leading university for sciences and engineering

Sep. 2015 – Aug. 2019

Palaiseau, France

Lycée Louis-le-Grand

Two-year intensive program in Mathematics and Physics, preparing for the entrance exams to the French Grandes Ecoles for scientific studies

Sep. 2013 – Jul. 2015

Paris, France

Preprints

Benign overfitting and adaptive nonparametric regression

Julien Chhor, Suzanne Sigalla, Alexandre Tsybakov (2022) arXiv:2206.13347

Robust Estimation of Discrete Distributions under Local Differential Privacy

Julien Chhor, Flore Sentenac (2022) arXiv:2202.06825

Goodness-of-Fit Testing for Hölder-Continuous Densities: Sharp Local Minimax Rates

Julien Chhor, Alexandra Carpentier (2021) arXiv:2109.04346

Sharp Local Minimax Rates for Goodness-of-Fit Testing in Large Random Graphs, multivariate Poisson families and multinomials

Julien Chhor, Alexandra Carpentier (2020) arXiv:2012.13766 To appear in *Math Stat Learning*.

Communications

Benign overfitting and adaptive nonparametric regression

Harvard University, October 2022

Robust Estimation of Discrete Distributions under Local Differential Privacy

University of Potsdam, Germany, Mai 2022

Goodness-of-fit testing for multinomials and densities: sharp local minimax rates

Meeting in Mathematical Statistics (Dec. 2020), CIRM Luminy, France

Minimax Testing in Random Graphs

Statistics-Econometrics-Machine Learning Seminar (2019) CREST/ENSAE, France

Awards

Leibnitz student, Oberwolfach Mathematical Institute.