

Nicolas Fayard

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Education

- From 2019 **PH.D - COMPUTER SCIENCE** *Université Paris-Dauphine, PSL Research University, CNRS, LAMSADE (Paris)*
- 2017-2019 **MASTER'S DEGREE – MODO : MODELING, OPTIMIZATION, DECISION AND ORGANIZATION** *Université Paris-Dauphine and Mines ParisTech PSL (Paris)* [↗](#)
Master's degree of operational research. Major : AI and decision.
- 2016-2017 **LICENCE – COMPUTER SCIENCE (MIAGE)** *Université Paris-Dauphine PSL (Paris)* [↗](#)
- 2014-2016 **GLOBAL BACHELOR OF DAUPHINE (GBD)** *Université Paris-Dauphine PSL (London)* [↗](#)
First two years economics and management in Dauphine London.

Research Experience

- From Oct 2019 **PH.D - MODELING COLLECTIVE THREATS** *Université Paris-Dauphine, PSL Research University, CNRS, LAMSADE*
Coordinator: Alexis Tsoukias.
Key word : Policy analytics, Capability Approach, Spatial multi-criteria analysis, Decision Aiding, Risk and Uncertainty Theory
- Avril - Sept 2019 **INTERNSHIP** *Université Paris-Dauphine, PSL Research University, CNRS, LAMSADE*
Internship financed by CNRS coordinated Alexis Tzoukàs.
Subject - Modeling collective threats.
- Mai - Sept 2018 **INTERNSHIP** *Université Paris-Dauphine, PSL Research University, CNRS, LAMSADE*
Internship coordinated Meltem Öztürk Escoffier and Yann Chevaleyre.
Subject - Ordinal social ranking : simulations for CP-majority rule.

Teaching

- 2021 - 2022 **MEASUREMENT THEORY** *Université Paris Dauphine PSL , (LSO 3), 6h*
- 2019 - 2023 **COMPUTER SCIENCE (PYTHON)** *Université Paris Dauphine PSL , (LSO 1), 27h*
- 2019 - 2022 **AUTOMATA AND LANGUAGES** *Université Paris Dauphine PSL , (MIDO3), 30h*
- 2019 - 2020 **COMPUTER SCIENCE (VBA)** *Université Paris-Dauphine PSL , (LSO2), 12h*

Publications

Nicolas Fayard, Meltem Ozturk Escoffier. Ordinal Social ranking: simulation for CP-majority rule.DA2PL'2018 (From Multiple Criteria Decision Aid to Preference Learning), Nov 2018, Poznan, Poland.[↗](#)

Nicolas Fayard, Chabane Mazri, Alexis Tsoukiàs, Capability Theory inspired tools for aiding policy design , CEURO Journal on Decision Processes, 2022.[↗](#)

Computer Skill

Programming Languages : JAVA, Python, C++, Cplex, VBA, SQL
mathematical programming , Combinatorial optimization, Analysis and data mining, Multicriteria Decision Aiding

Languages

French	Mother tongue
English	TOEIC (2018) : 920 over 990
Spanish	Intermediate, B1