

IVAN CONJEAUD

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Education

Paris School of Economics **September 2022 – Present**
PhD in economic theory under the supervision of Pr. Francis Bloch

Paris School of Economics **September 2021 – June 2022**
Master's Program "Analysis and Policy in Economics" Highest Honors

Coursework: Mechanism Design, Behavioral Game Theory, Network Economics, General Equilibrium Theory, Advanced Microeconometrics

Master Thesis: Strategic Learning in Complex Environments, under the supervision of Francis Bloch (PSE) and Argyris Kalogeratos (Paris-Saclay University)

Ecole Polytechnique **September 2019 – June 2020**
Master's Program in Quantitative Economics Highest Honors

Coursework: Microeconomics, Macroeconomics, Econometrics, Blockchain and Cryptocurrencies, Experimental Economics

Internship: Research Assistant for Pr. Nobuyuki Hanaki (University of Osaka)

Ecole Normale Supérieure Paris-Saclay **September 2019 – June 2021**
Program in Artificial Intelligence

Coursework: Foundations of Machine Learning, Machine Learning for Signal Processing, Machine Learning on Networks, Probabilistic Graph Models, Reinforcement Learning

Ecole Normale Supérieure Paris-Saclay **September 2018 – June 2019**
Bachelor Degree in Economics High Honours

Coursework: Game Theory, Statistics, Measure Theory, Microeconomics, Macroeconomics

Sorbonne University **September 2018 – June 2019**
Bachelor Degree in Sociology Honours

Coursework: Sociology of norms, Sociology of Religion, Sociology of Immigration, Gender Studies

Lycée Thiers **September 2016 – June 2018**
Preparatory Classes to French "Grandes Ecoles"

Coursework: Mathematics, Economics, Sociology, Literature, Philosophy, History, English, Spanish

Lycée Thiers **September 2015 – June 2016**
Preparatory Classes to French "Grandes Ecoles"

Coursework: Mathematics, Physics, Chemistry, Computer Science, Philosophy, English, Spanish

Work experience

Max Planck Institute for Human Development **January 2021 – June 2021**
Research Intern Berlin

Research Internship under the supervision of Philipp Lorenz-Spreen and Argyris Kalogeratos. Fitting a model of opinion dynamics to Twitter data using meta-heuristic methods.

Borelli Center for Applied Mathematics **September 2020 – January 2021**
Research Intern Gif-sur-Yvette

Research Internship under the supervision of Argyris Kalogeratos. Development of a new model of opinion dynamics.

Osaka University **March 2020 – September 2020**
Research Assistant Osaka

Research Assistant for Pr. Nobuyuki Hanaki

Teaching experience

ENS Paris-Saclay

September 2022 – Present

Teaching Assistant

Gif-sur-Yvette

- Measure Theory - 3rd Year Bachelor in Economics (18 hours)
- Mathematics (Topology and Algebra) - 1st Year Master in Economics (24 hours)
- Firms and Markets - 1st Year Master in Economics (24 hours)

Paris-Descartes University

September 2021 – January 2022

Teaching Assistant

Paris

- Mathematical Tools - 1st Year Bachelor in Economics (24 hours)

Working papers

Spontaneous coupling of Q-learning algorithms in Equilibrium, I. Conjeaud, arxiv preprint, 2023

Published papers

DeGroot-based opinion formation under a global steering mechanism, I. Conjeaud, P. Lorenz-Spreen, and A. Kalogeratos, *IEEE Transactions on Computational Social Systems*, 2024

Presentation in conferences and seminars

Conferences: *Complex Networks and their Applications* 2023 (lightning presentation)

Seminars: *Theory Lunch Seminar* (11/16/23)

Skills

Languages: French (Native), English (Fluent), Spanish (Fluent), Indonesian Malay (Conversational), Japanese (Notions), Italian (Notions)

Programming Skills: Python, R, Stata, Latex

Grants and awards

Interdisciplinarity for Emerging Challenges Award ENS Paris-Saclay

PhD Scholarship for ENS Students, ENS Paris-Saclay - Paris School of Economics

Civil Servant Student, ENS Paris-Saclay