

# FARID NAJAR

## EDUCATION

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**Université Paris-Saclay, Orsay**

*From 2020*

Ph.D. Track Mathematics and Artificial Intelligence

**Université Paris-Saclay, Orsay**

*2017 - 2020*

Bachelor Double Degree Mathematics and Computer Science

## SKILLS

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### Mathematics

Probability theory (bases, conditional expectation, martingales, Markov chains, etc.), Statistics (bases, estimators, confidence interval, tests, statistical machine learning, etc), Mathematical optimization, ...

### Computer Science

Data Structures, Algorithms, Parallel computing, Databases, ...

### Programming Languages

Python (expert), C/C++ (expert), Java (advanced),  
 $\LaTeX$ (advanced), R (advanced), ...

### Softwares & Tools

Linux, Git, MS Office

## EXPERIENCES

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### ENSAE

April 2021 - June 2021

*Trainee*

Internship under the supervision of Vianney Perchet and Morgane Hoffmann. The objective of this internship is to conceive a multi-agent reinforcement learning model to find the optimal policy for the social planner (government) in a modeled labor market with the help of the game theory.

### Bibliothèque mathématique Jacques Hadamard, IMO

From October 2020

*Library worker*

### SIF, Université Paris-Saclay

From September 2019

*Tutor*

Present university's services such as email service and education tools to new students.

### PCSO, Université Paris-Saclay

September 2019 - December 2019

*Tutor*

Help students in mathematics

### Numéro1 Sclarité

September 2019 - April 2020

*Math teacher*

Help high school students in mathematics

### Domino's Pizza

April 2018 - June 2019

*Multi-Task employee*

## OTHER SKILLS AND INTERESTS

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**Languages :** French (Native), Persian (Native), English (advanced)

**Reading :** Science, History, Economy, Politics

**Entertainment :** Learning new skills, Gaming, Films, Series

**Sports :** Bicycle, Swimming, Taekwondo