

Brahim Driss

MSc Student in AI,
Systems and Data Science

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Education

- September, 2021–present **Master of Science, IASD: Artificial Intelligence, Systems, Data Science,**
Joint PSL Master program between Paris-Dauphine, École normale supérieure, and Mines ParisTech, Université PSL, Paris.
- September, 2018–2021 **Engineer's Degree - Computer Science**, *Graduated with High Honors,*
Data Science specialization Higher Institute of Engineering and Technology (ESPRIT), Tunis.
- September, 2016–June, 2018 **Associate degree,**
Mathematics and Physics, Preparatory Institute Of Engineering Studies (IPEIT), Tunis.

Work Experience

- May, **Research Assistant, LAMSADE Université Paris-Dauphine**, Paris.
- 2022–September, 2022 - Modification and scaling of AlphaZero in the game of Go, with multiplayer adaptation.
Technologies : Python, Tensorflow, Keras.
- April, **Research Assistant**, **LAMSADE Université Paris-Dauphine**, Paris.
- 2021–September, 2021 - Deep Reinforcement Learning and Monte Carlo Tree Search on Settlers Of Catan game
- Implemented and adapted of Expert Iteration, a similar approach to DeepMind's AlphaGo Zero.
Technologies : Python, Tensorflow, Keras.
- July, **Data Science Internship, Wevoo**, Tunis.
- 2020–September, 2020 - Searched and implemented a State of the art Deep Learning approach for Time Series forecasting
- Handled other exogenous variables that have an impact on the evolution of the temporal data, reduced by 2% the mean absolute error compared to previously used methods.
- Deployed final solution as a REST API using Flask.
Technologies : Python, Tensorflow, Keras, Flask.
- April, **Software developer Internship, BH Bank**, Tunis.
- 2019–September, 2019 -Development of a Workflow automation web application, handling expense requests.
Technologies : HTML, CSS, JavaScript, PHP.

Publications

Brahim Driss and Tristan Cazenave. "Deep Catan". Reinforcement Learning in Games at AAAI 2022.

Brahim Driss and Tristan Cazenave. "Deep Catan". EvoStar 2022.

Technical skills

- Proficient in Python, Numpy, Tensorflow, Keras
- Experience in Pytorch, Git, SQL, NoSQL, Flask, Unix, LaTeX, Flask, JavaScript

Languages

- French : Working Professional (B2)
- English: Working Professional