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Presentation

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Language : French (Mother tongue)
English (Fluent)

01

Education

2016 to 2019 : Master's degree in Computer Science at Sorbonne University France.

- Academic courses : *Machine learning, agents, robotics, operational research, decision.*

2016 : Bachelor of Science major in Computer Science at Sorbonne University France.

02

Work experience and projects

Feb to Sept 2018 : Data-Scientist at Webedia Shopping services

- Evaluation & targeting of best customer using clustering methods and Evolutionary algorithms.
- Prediction of customer behavior using majority vote classifiers.
- Attribution of beauty products to customer using max bipartite matching.

Modelling the user's behaviour in a menu.

- HCl, Q-Learning, Markovian decision process.

Course of map by several agents inspired by the game : «Hunt the Wumpus».

- Communication, information exchange, deadlock, cooperative strategies.

Solving the server deployment issue in a data center (Google Hash Code 2015).

- Greedy and genetics algorithms, stochastic gradient descent, linear programming.

Statistical analysis of corpus, genome and Indexing of websites using Markov chains.

- Language detection in corpus, mutation detection in DNA, markov chain for ranking website.
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03

Programming languages and Software

Languages :

- Java, Python (*proficient*). C, C++, Shell (*fluent*). Scilab, Prolog, Ocaml (*prior experience*).

Software & Others

- Eclipse, Emacs, Rational Software Architect, GitHub, LaTeX, TCP/IP, MySQL, CSP.
 - Numpy, Pandas, Sklearn, Tensorflow/Keras
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04

Miscellaneous

- Seasonal employment: train attendant at IDTGV, luxury seller at Burberry in Printemps Haussmann.
 - Administration and management of dedicated servers.
 - Member at the Fab Lab of Pierre-and-Marie-Curie University.
- Hobbies: reading, board games, science and technology news.
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