

Aurélien Werenne

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Education

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| University of Liège <i>Master of Computer Science and Engineering, focus on Intelligent Systems</i> | Liège, Belgium 2016–2019 |
| Universidade de São Paulo <i>Exchange Semester</i> | São Paulo, Brazil 2018 |
| University of Liège <i>Bachelor of Science in Engineering</i> | Liège, Belgium 2012–2016 |

Projects

Master Thesis : Energy-based Multi-Modal Attention

In realistic situations, multi-modal neural networks potentially receive input data with varying levels of perturbations among the modes, which may decrease the quality of the inference process. This thesis presents an innovative solution to this problem, obtaining promising results. More details can be found on my Github profile (see header). Honors : *summa cum laude*.

Personal Project : Unknown environment mapping with two robots

In this work, I constructed two robots cooperating for the exploration of unknown environments. In particular, the objective is to map each environment as fast as possible. A demonstration video is available on my portfolio website (see header).

Experience

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| ID Trust Medical <i>Software Engineer intern</i> Designing and implementing new processes in order to improve time efficiency. | Leuven, Belgium 2017 |
| Infinia <i>Software Developer (freelance)</i> Development of a risk profiling system in the area of life insurances, where the system determines the investment profile of a client based on its answers to a list of questions. | Brussels, Belgium 2016 |

Skills

Programming skills: Python, C, C++, Matlab, SQL and Java

General expertise: Deep Learning, Machine Learning, Artificial Intelligence, Statistics and Robotics

Languages

English: Full professional proficiency

French: Native proficiency

Dutch: Native proficiency

Portuguese: Elementary proficiency