

Nima Mehdi, Ph.D.

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 French

 mehdin.github.io



Research Interests

-  Anticipation and Forecasting, Spatio-temporal reasoning
-  Uncertainty reasoning
-  Human Action Analysis

Education

- 06/2020 – 12/2024  **Ph.D., Inria - Université de Lorraine, Nancy, France** Robotics and Artificial Intelligence.
Thesis title: *Probabilistic approaches for perception and interpretation of human activity*
- 09/2013 – 09/2017  **M.Sc. Computer Science, ENSTA Bretagne, Brest, France** in Robotics.
- 09/2010 – 08/2013  **CPGE, Camille Guérin, Poitiers, France** in Physics and Chemistry.
Classes in Advanced Mathematics

Skills

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| Languages |  Strong reading, writing and speaking competencies for French (Mother tongue) and English |
| Coding |  Python, C/C++, MATLAB, L ^A T _E X, ... |
| Frameworks |  ROS, PyTorch, JAX |
| Misc. |  Academic research |

Employment History

- 09/2017 – 09/2019  **Junior Robotics Engineer, Notilo+** Lyon, France.
- 04/2017 – 09/2017  **Trainee Engineer, Notilo+,** Lyon, France

Research Publications

- 1 N. Mehdi, V. Thomas, S. Ivaldi, and F. Colas, “Simultaneous pose and posture estimation with a two-stage particle filter for visuo-inertial fusion,” in *2022 International Conference on Advanced Robotics and Mechatronics (ICARM)*, IEEE, 2022, pp. 132–137.