

MEHDI NIMA

Post-doctorate Candidate

@ nima.mehdi@inria.fr +33635167983 Nancy, France French mehdiin.github.io



ABOUT ME

Curious Diligent Creative

AREAS OF INTEREST

Probabilistic Machine Learning Causal Inference Autonomous Systems Uncertainty Reasoning

TECHNICAL SKILLS

C/C++ Python Linux git ROS Pytorch jax

Dynamics Systems Modeling Probabilist Modeling and Inference Human Action Analysis

LANGUAGES

French English

PUBLICATIONS

Simultaneous Pose and Posture Estimation with a Two-stage Particle Filter for Visuo-inertial Fusion.
International Conference on Advanced Robotics and Mechatronics (ICARM)
2022

INTERESTS

Herpetoculture Trekking Drawing DIY Projects 3D Printing

EXPERIENCE

- Doctoral student

LORIA, INRIA

06/2020 – 12/2024 Nancy, France

Probabilistic approaches for perception and interpretation of human activity for collaborative robotics
- Professional Reorientation

10/2019 – 05/2020 Lyon, France

Academic Research Training
- Robotics Engineer

Notilo +

09/2017 – 09/2019 Lyon, France

Development of an underwater drone
- Trainee Engineer

Notilo +

04/2017 – 08/2017 Lyon, France

Prototyping of an underwater autonomous vehicle
- Trainee Assistant Engineer

Dobots

06/2016 – 08/2016 Rotterdam, Netherlands

RF Indoor Localisation using BLE beacon tags
- PhD in Robotics and Artificial Intelligence

INRIA

08/2020 – 12/2024 Nancy, France

M.Sc in Robotics Engineering

ENSTA Bretagne

09/2013 – 09/2017 Brest, France

Grandes Ecoles Competitive Examination

Nationwide Examination

07/2013 – 08/2013 Paris, France

CPGE: Classes in Advanced Mathematics

Camille Guérin

09/2010 – 06/2013 Poitiers, France

Linguistic Travel

07/2010 – 08/2010 Boston, United States of America

Baccalauréat Scientifique

Camille Guérin

09/2007 – 06/2010 Poitiers, France