

Robin Magnet

PhD Candidate at École Polytechnique

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24 years old

Driving Licence

Education

- 2021– **École Polytechnique**, Palaiseau, France, PhD.
PhD in the LIX laboratory supervised by Maks Ovsjanikov on the analysis of variability in collections of 3D shapes.
- 2019–2020 **ENS Paris-Saclay**, France.
Master's degree MVA - Mathematics, Vision, Learning
- 2016–2020 **Ecole Centrale Paris**, France.
Third Year Student of Graduate Engineering School. Major in Applied Mathematics
- 2017–2018 **University of Paris-Sud (Paris 11)**, France.
First year of Master's degree in Fundamental Mathematics (Algebra, Differential Geometry, Probability and Statistics)
- 2014–2016 **Lycée Saint-Louis**, Paris, France.
Intensive preparation in Math and Physics for competitive examination to the French Grandes Ecoles
- 2011–2014 **Lycée Hector Berlioz**, Vincennes, France.
French Baccalauréat with Major in Science, A.

Work Experience

- 2020 **LIX**, 6 month, Palaiseau, France, Research internship.
Part of Maks Ovsjanikov's shape analysis group working correspondences computation between non-isometric 3D Shapes using common deformations
- 2019 **Inria Grenoble**, 6 month, Grenoble, France, Research work.
Part of Edmond Boyer's Morpheo team working on deep learning for unsupervised 3D faces scans registration and generation
- 2018 **IDEMIA**, 6 month, Bochum, Germany, Research intern.
Part of Idemia's R&D team working on facial recognition and face matching for airport security
- 2016–2018 **Laboratory MICS**, Two days a week, Paris, France, Research work.
Research work in a Mathematics research laboratory on Bayesian Inference and Monte Carlo statistical methods applied to neural networks

Skills

Computer Skills

- Programming Python [scikit-learn, Tensorflow, PyTorch] (advanced level)
L^AT_EX, C++, SQL, R, Julia, MATLAB (intermediate level)
- Software Microsoft Office, Adobe Photoshop Lightroom

Languages

- French Mother tongue
- English Read, written, spoken – C1 level
- German Read, written, spoken – B2 level

Interests

- Music : Piano, Bass guitar, Electronic Music
- Sports : Volleyball, Handball, Running, Ski, Swimming
- Photography : Amateur photographer