






Lucas WANNENMACHER

Looking for an internship in
IT and Data Science

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-  French
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Languages

-  French
-  English
-  German

academic background

- 2019- **Engineering school : INSA Rouen** Rouen
Computer Science and Information Technology
- 2017 – 2019 **Classe Préparatoire aux Grandes Ecoles** Lycée Fabert, Metz
Mathematics, Physics and Engineering Sciences
- 2017 **Baccalauréat Scientifique** Sarreguemines
Mathematics specialty

professional experience

- 2021 **Essilor : Certified project** Rouen
Machine Learning and vision R&D oriented project in collaboration with Essilor, leader in ophtalmologic optics. Delivery of a model of landmarks adapted to specific needs. Organization of a massive data collection campaign. Carried out with the Scrum methodology. 20h weekly volume, during 13 weeks.
- 2020 **Mipa-Coating France** Bitche
Student employment: Duration of one month.
- 2019 **Mipa-Coating France** Bitche
Student employment: Duration of three weeks.
- 2017 **JFA** Sarre-union
Student employment: Duration of six weeks.

IT and data science skills

fields of skills

advanced algorithms, databases, machine learning, deep learning, web development, networks, signal processing, devops/MLOps/CI-CD, agile methods, electronics

Technologies, Languages & Frameworks

Python (Tensorflow/Keras, sklearn & some others) | Java (JCDB) | C | SQL, MongoDB | Spark | html, css, jquery, php, js | LaTeX | REST | Shell | Git

Projects

- 2021 **Source code classification with an original approach**
I have created a programming language classifier. I did this with an original approach : with a CNN and a character-oriented approach, unlike the standard which is rather to use RNN / LSTM. [link](#)
- 2020 **Live object detection with the SIFT algorithm**
Implementation of an object detector and classifier using SIFT. [link](#)
- 2019 **Othello project**
Implementation of the game "Othello" in C with 3 friends and creation of an artificial intelligence playing this game. [link](#)
- **Other projects**
Available on my website lucas.wannenmacher.fr

Hobbies and interests

- Sport Football player and active member of my club.
- Association Treasurer of the association "Jeunesse Obergailbach".
- Other Participation in competitions such as the Google Hash Code.