# Lucas
# WANNENMACHER

**Looking for a 6-month internship in IT**

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## Languages

🇫🇷 French          ● ● ● ● ●
🇬🇧 English         ● ● ● ● ○
🇩🇪 German          ● ● ● ● ○

## Hobbies & interests

Sport : Football player and active member of my club

Other : Participation in competitions such as the Google Hash Code

# academic background

**2021-**    **University of Stuttgart : Exchange program**    Stuttgart
As part of my master, I completed a semester at the University of Stuttgart, in computer science. link

**2019-**    **INSA Rouen : Engineering school**    Rouen
Computer Science and Information Technology. link

**2017 – 2019**    **Classe Préparatoire aux Grandes Ecoles**    Lycée Fabert, Metz
Mathematics, Physics and Engineering Sciences

# professional experience

**2021**    **BGL BNP Paribas : Internship as a Data Analyst**    Luxembourg
I completed a 4-month internship at the head office of the Bank BGL BNP Paribas, in Luxembourg. I was integrated into the CDO (Chief Data Office) of the bank, as a Data Analyst. I worked on the Data Hub and the Data Warehouse : my mission was to start a migration from a data environment doomed to obsolescence to a target and sustainable platform.

**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.

**2017, 2019 & 2020**    **Student jobs**    Bitche, Sarre-Union
Student jobs during summer 2017,2019 and 2020 in the companies MIPA-COATING and Jus De Fruits d'Alsace

# IT and data science skills

**fields of skills**
advanced algorithms, databases, cloud computing, machine learning, web development, signal processing, networks, 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 | AWS

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