Looking for an opportunity in **Machine Learning**

Data Scientist

I am passionate about programming and maths to extract meaningful information from data. I am eager to learn and I am looking forward to applying my skills to consolidate your team.

Damien TOOMEY

CONTACT

- 23 years old
- French
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- Linkedin
- Github

EDUCATION

INSA

2015 - 2020
Master of Engineering
National Institute of Applied Sciences of Rouen

Deep Learning	Machine Learning	Optimization
Databases	Computer Vision	Programming
Numerical Analysis	Statistics	Algorithmic
Signal Processing		

Class ranks:
2017 - 2019: **1st** / 50
2015 - 2017: 9th / 242

UNIVERSITÉ DE ROUEN NORMANDIE

2019 - 2020
Master Data Science & Engineering
Double degree with Rouen University

SKILLS

| Python | PyTorch | Keras | Java | Matlab |
| C / C++ | JavaScript | SQL | Git | Linux |

LANGUAGES

French & English: Bilingual
German: B2 Level (Elementary Proficiency)

QUALITIES

Hardworking | Perseverant | Reliable

PROJECT EXPERIENCE

Projects in Python

Text-to-Speech

SoftBank Robotics

June - Oct 2020
Internship at SoftBank Robotics Europe. ⚲ Paris
Goal: Study the state of the art concerning Text-to-Speech. Train and compare relevant networks in order to make a robot's voice more expressive using Deep Learning.

Chatbot

STRATOW ORDER

Jan - Dec 2019
Part-time project for STRATOW Order. ⚲ Rouen
Goal: Create a Chatbot in order to make it easier for customers to place orders/access their account information on an amazon-like platform called STRATOW Order.

Image Classification and Segmentation

LUXSCAN WEINIG

Jun - Aug 2019
Internship at Luxscan. ⚲ Foetz, Luxembourg
Goal: Identify wood cutting patterns which vary depending on how the log was cut.

Deep Learning (GAN) & GTA V

Jan - May 2019
Goal: Generate photorealistic images from segmented images extracted from the GTA V video game. see more

Animal Classification in Images

Mar - Apr 2019
Goal: Train a Deep Learning model (VGG-16) in Keras library on a dataset of animal images. see more

Projects in C++

Gradient Descent visualization tool

Apr 2020
Goal: Learn to code in C++ and create a gradient descent visualization tool to better understand optimization hyperparameters used in Deep Learning. see more, demo

Projects in Matlab

Study the impact of McDonald's restaurants on health

Apr - Jun 2017
Goal: Implement statistical tools (Principal Component Analysis (PCA), Correlation, Boxplot, Linear Regression, Student's test). see more