










# Looking for a position as **Data Scientist**

(starting from **January 2021**)

I am very interested in the maths and programming to do Machine Learning / Deep Learning.  
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 - Irish  
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### EDUCATION



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



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 (Limited working proficiency)

### QUALITIES

Hardworking | Perseverant | Reliable

### PROFESSIONAL EXPERIENCE

#### Expressive Text-to-Speech

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

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

Jun - Aug 2019



Internship at Luxscan.  Luxembourg

Goal: Identify wood cutting patterns which vary depending on how the log was cut.

### PROJECT EXPERIENCE

#### 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](#)

#### 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](#)

#### 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](#)