










# Looking for a position as **Data Scientist** or **Software Engineer** (starting from **January 2021**)

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  
 27400 Louviers, FRANCE  
 toomeydamien2@gmail.com  
 (+33) 07 70 45 89 36  
 [LinkedIn](#)  
 [GitHub](#)

### 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 | Web & Mobile Development

Class ranks:  
 2017 - 2020: **1st** / 48  
 2015 - 2017: 9th / 242



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

### SKILLS

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

### LANGUAGES

French & English: Bilingual  
 German: B2 Level (Limited working proficiency)

### QUALITIES

Hardworking | Perseverant | Reliable

### PROFESSIONAL EXPERIENCE

#### Expressive Text-to-Speech

Jun - 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 - May / Sep - Dec 2019



Part-time project for STRATOW Order. 📍 Rouen

Goal: Compare existing Chatbot solutions and adapt one 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

#### 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](#)

#### 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](#)

#### AppInsa

Sep - Dec 2018

Goal: Develop an Android app for my university (retrieve the student's timetable and add it to a calendar app, retrieve INSA contacts to send emails more easily, login to Moodle (an Open-source learning platform)). [Demo](#)