










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](#)