
A French Machine Learning Enthusiast experienced in utilizing data to build systems that help people in their everyday lives. Passionate about research and seeking to deploy my skills in the field of Machine Learning.

TECHNICAL SKILLS

Languages: Python, Go, C, C++, JavaScript, HTML5, CSS3

Frameworks/Libraries: Panda, Numpy, Keras, TensorFlow, jQuery, Node.js, Express.js

Other: Machine Learning, Git/GitHub, LaTeX, Agile Software development, Consulting

PROJECT EXPERIENCE

Dog Breed Recognizer - github.com/Twice22/dog-project

May 2017

- Developed a Convolutional Neural Network to identify 147 different dog breeds
- Used Transfer Learning, to predict a dog's breed with 80 % accuracy
- Added a function to let the user know what kind of dog the user's looks like

American Sign Language Recognizer - github.com/Twice22/ASL-Recognizer

March 2017

- Developed a HMM-based American Sign Language Recognizer
- Achieved 36% WER using a dataset of only 140 samples

Stanford Projects - github.com/Twice22/CS231n-solutions github.com/Twice22/CS224n-solutions

February - May 2017

- Studied Deep Learning using materials freely available from Stanford University
- Finished all the assignments and provided detailed descriptions on my [blog](#)

WORK EXPERIENCE

Capgemini [Client: PSA] - FullStack Developer

Paris, France | February 2016 - April 2017

- Designed new functionalities and enhanced UX/UI of the PSA B2B websites
- Improved response time by 100% and ROI by 7%

Capgemini [Clients: BNP Paribas, Société Général] Software Engineer

Paris, France | February 2015 - February 2016

- Designed a JavaScript content management Framework for Banks
- Implemented the Framework in all [ECM](#) Projects and created a API Documentation
- Increased productivity by 50% on all ECM Projects using the JavaScript Framework

EDUCATION

ENS Paris-Saclay – **Master MVA** (Semester 1: [Object Recognition](#), [Reinforcement Learning](#), [Convex Optimization](#), [Probabilistic Graphical Models](#), [Unsupervised Learning](#), Statistical Learning, Semester 2: To choose)

September 2017 -

Udacity – [Artificial Intelligence Nanodegree](#)

February 2017 – August 2017

Stanford – [Convolutional Neural Network](#) & [Natural Language Processing](#)

February 2017 – May 2017

Coursera – [Machine Learning](#), Probabilistic Graphical Model [1](#) & [2](#)

2016 & 2017

Télécom SudParis – Engineer's Degree

2015

Classe préparatoire aux grandes écoles MPSI/MP*

2012