



Thomas CHATON

Born on January 12th, 1994 in Avignon
French

THOUGHTFUL - DYNAMIC - MOTIVATED - OPENED - AUTONOMOUS

February 2017 › August 2017

Intern in Amadeus IT Group

Amadeus - Sophia Antipolis

*My job is to analyze data from airline ticketing, traveler reviews, weather reports, etc. associated with several ad offers made by airlines and purchased by travelers, to create a recommendation system based on both collaborative filtering and content-based techniques (with multi-criteria rating for explicit features) to personalize prospective new offers for customers.
Software/language used: Spark,yarn,hadoop on multi machines cluster.*

Learn how to set up clusters and create efficient recommendation algorithms from data mining.

February 2016 › Today

Recommendation engine dev/designer based on deep learning

Sharity - Nice

*My job is about designing the recommendation system engine of the app.
Concept: 1 % of every transaction that goes through our application are reversed to the customer as shared points. The customer will be able to give them to charities as it pleased him.*

Learn how to use AWS in order to create a recommendation engine.

April 2017 › Today

Lead Data Scientist

DataBank - Nice

My job is the conception of machine learning/IA software and their implementations.

Research about a possible P2P IA into browser users.

May 2017

Startup Weekend on Fintech/Blockchain

Geneva

Creation of the start up DataBank. We finished second on 12 teams.

Learn how to create a start up from scratch in 54 straight hours and brainstorm to find best suited answers.

November 2016 › May 2017

Ex CTO

Now Fellows - Paris

I was in charge to choose technologies and supervise development of our project. We wanted to create a social network app based on people calendar and the things they like to do.

Learn how to contact people and ask for advices in technology choices.

December 2016 › March 2017

Consulting Pattern Detection

Immersive Robotics - Paris

My job was to advice them on how create an algorithm that will be able to locate hands in images, identify patterns and according to the detected ones, will trigger the right answers of the robots.

We came up with several ideas using deep learning networks.

Learn regulars human detection algorithms and try to add deep learning on top of it.



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› STUDIES

*Graduated
in Numeric Security /
Data science in 2017*

2016/2017

Deep Network tuning for Vision and Language

End of studies project
on automatic image
annotation using deep learning
and some fine-tuning

2015/2017

French Engineering School in numeric Security - Data Science

Eurecom (Sophia-Antipolis)

*Awarded a diploma
in Digital Security
and Science of the Data*

2014/2015

French Engineering School in numeric Security - Data Science

Telecom Paristech (Paris)

2012/2014

Preparation School for Engineering school

Lycée Lamartinière Montplaisir
(Lyon)

2012

Secondary school

Lycée Jean-Henri Fabre
(Carpentras)
GP : 3,5/4

INFORMATICS

**Data science /
Hadoop, Pig,
Spark (with Python),
Matlab**

**Deep Learning /
Frameworks : Keras,
TensorFlow,
Theano, Torch .
Knowledge : Vision,
NLP, Self driving car**

PROJECTS

April 2017 › Today

Self driving Car Using GTA V as simulator (in Team):

This project is about using GTAV in order to train deep learning model for self driving car inside of the game.

We are currently working on using reinforcement learning in order to make the car able to go from A to B and still following driving rules.

For doing it, we followed the MIT 6.S094: Introduction to Deep Learning and Self-Driving Cars courses.

Learn about self driving cars.

April 2017 › June 2017

Quora Question Pairs Challenge (50 hours)

This challenge was about identifying duplicate questions in quora.

Learn basics about Deep Learning NLP.

December 2016 › April 2017

The Nature Conservancy Fisheries Monitoring Challenge (500 hours)

This challenge was developing algorithms to automatically detect and classify species of tunas, sharks and more that fishing boats catch, which will accelerate the video review process.

Here is my github projects : <https://www.kaggle.com/c/the-nature-conservancy-fisheries-monitoring>.

Learn how to find my own solution to very complicated problems based on lots of re-search papers we have read and extract useful knowledge for our own projects.

September 2016 › December 2016

Allstate Claims Severity (100 hours)

This challenge was about giving insight into better ways to predict claims severity for the chance to be part of Allstate's efforts to ensure a worry-free customer experience.

Learn basics in deep learning and spark.

December 2016 › March 2017

OS robotics

Creation of a Lego Mindstorms algorithm in order that the robot was able with others robots via bluetooth to realise a snake game in an arena, gets balls and bring them back to the hole.

Learn to code into a new language and understand its documentation.

CONTACTS

FACEBOOK

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GITHUB

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