# TIMON THER

# **Deep Learning & Data Scientist**

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github.com/therhappy

in /in/timon-ther

**♀** London

# **EXPERIENCE**

## Machine Learning Engineer

#### **CUBE CONTENT GOVERNANCE LTD**

**Q** London, UK

- Core member of the Data team
- Designed NLP algorithms for knowledge extraction from compliance documents

# **Expert Data Scientist**

## **DASSAULT AVIATION**

May 2019 - November 2021

**♀** Paris, France

- Devised the Al roadmap for the Systems Department
- Expert for Cockpit Data Analysis & RL in Systems
- Technology expert for partners in MMT Project
- Provided training on specific RL algorithms to colleagues
- Referent for SAE-EUROCAE joint working group on AI Certification in Aviation: team leader for Data Management & Validation

#### Part-time lecturer

#### ISAE-SUPAÉRO

September 2019 - December 2021

**♀** Toulouse, France

- Co-written and lectured the MCTS and AlphaZero course
- Before that, employed as a part-time tutor by the university, provided 80h of support in Maths & Electronics to 1st-year students

# Privacy & Deep Learning Research Intern UQAM

## April 2018 - October 2018

♥ Montréal, Canada

 Conceived a new adversarial architecture for privacy attacks against machine learning models, wrote this article which was accepted in the AAAI 2020 Workshop on Privacy-Preserving Artificial Intelligence

#### **Future Projects Intern**

#### **AIRBUS GROUP**

March 2017 - August 2017

♥ Toulouse, France

- Reinforcement Learning for Semi-Autonomous Flight
- Natural Language Processing for Predictive Maintenance

## **R&D Intern**

#### **BEEBRYTE PTE LTD**

🛗 September 2016 - February 2017

Singapore, Singapore

• Deep Learning for Electric Load Prediction

# **EDUCATION**

# Master's Degree in Aerospace & Aeronautical Engineering ISAE-SUPAÉRO

September 2014 - November 2018

♥ Toulouse, France

Entry over national competitive exam

- Major in Data & Decision Science: Machine Learning & Reinforcement Learning
- Projects include **Deep Learning for Satellite Image Segmentation** with MAGELLIUM, Embedding strategy for MultiLabel Classification...

#### **Preparatory Program**

## LYCÉE SAINT-LOUIS

## Sept 2012 - July 2014

**♀** Paris, France

Undergraduate studies to compete for admission into French Graduate Engineering Schools

# **ABOUT ME**

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#### Career drive

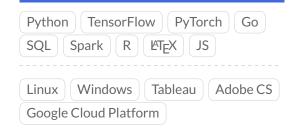
Gain expertise & experience to be able to manage pioneering AI projects



#### First aid volunteer

I volunteer as a First Rescue Team member and am qualified (in France) for first aid at work (SST) and in Civil Defense operations (PSE-1)

# **COMPUTER SKILLS**



# **LANGUAGES**

French

native speaker

English

fluent

Spanish

limited working proficiency

Chinese

limited working proficiency

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# **PROJECTS**

### Volunteer Rescue Team Member

## **Protection Civile Paris-Seine**

December 2019 - Ongoing

• First aid certificate (level PSE-1)

#### Private Pilot Licence - PPL-A

## January 2015 - licensed in July 2016

 Earned ISAE-SUPAÉRO merit-based scholarship for flight learning

## Organizing a Roleplaying Convention

**March** 2014 - March 2016

 Managed sponsors for 2015 edition and overseen a team of 28 as well as Treasurer for 2016 edition

# **Rocket Parts Conception**

## **Supaéro Space Section (Rocket Society)**

## September 2014 - July 2015

• Designed ombilicals for HYDRA Rocket

Video editing | Martial arts