

# BELKOUCHI YOUNES

## Software and Machine Learning Engineering Student - Masters degree

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Looking for a CIFRE PhD program on an IT related topic.

## EXPERIENCE

### Data scientist

#### Institut Gustave Roussy

📅 March 2020 – Now

📍 Paris, France

Researched and generated models for predicting cancer relapse using histopathology images.

### Data scientist Intern

#### CIB BNPParibas

📅 May 2019 – November 2019

📍 Paris, France

Researched and developed tools for Automated Speech To Text

### Software & Machine Learning Intern

#### xBrain

📅 Aug 2017 – Jan 2018

📍 Menlo Park CA, United States

Implemented a news clustering program involving NLP and clusterization techniques, deployed through a micro service architecture.

### Software developer & Agile Prototyper

#### Paris Digital Lab

📅 Feb 2017 – Aug 2017

📍 Paris, France

- Created three prototypes using agile prototyping for three different companies using 2 months sprints. These prototypes involved technologies such as voice print authentication, chatbots and IoT.
- Full Stack Teaching Assistant: Helped a 30 students class through a Coding Week on full stack development.

### Secretary & IT Developer

#### VIA Centrale Réseau

📅 2016 – 2017

📍 Paris, France

- Provided internet for 1200 students on Campus as part of a 30 student team.
- Supervised a 40 student class and helped in teaching basic notions of IT.

## EDUCATION

### Ecole Centrale Paris

#### Major in Computer Science & IT for Business

📅 2015 – Present

📍 Paris, France

Courses include

- Machine Learning & Deep Learning
- Object Oriented Programming
- Mathematics and Statistics
- Databases and database optimization
- Theoretical Computer Science
- Algebra & Cryptography
- Algorithmic
- Information System Architectures

## ABOUT ME

A computer enthusiast and a geek in life, I enjoy new technologies and new discoveries. I believe we can make our life easier thanks to technology.

Beside my interests in technology, I enjoy:

🎮 Gaming 🎵 Music ❤️ Climbing

## PROJECTS

Created a Neural Network using Numpy

Participated in Microsoft Imagine Cup Competition (Top 10 in France): worked on violence detection using Computer Vision

Developed a software for a Self Driving miniature Car

Detected how many bikes were rented in San Francisco (Kaggle)

Developed a website/platform for the Killer Event (300 player Game)

Developed a software to Scan and display vulnerabilities on a network

## TECH SKILLS

Python Machine Learning Docker

Deep Learning Computer Vision

Natural Language Processing

Speech Recognition Linux C#

Databases Full Stack Development

Javascript

## LANGUAGES

English (Toefl ITB 106/120)

French

Arabic

Japanese

