

## KANA NGUIMFACK Kévin

Recherche stage en informatique

- Sep. 23, 1991. Cameroonian
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# About Me ———

Student in Master II computer science, specialty artificial intelligence. Passionate about machine learning and deep learning, image processing and computer vision.

# Languages -

- French
- **English**
- German

# Skills

Machine Learning

scikit-learn numpy, pandas, Scipy seaborn python julia

Deep Learning

tensorflow keras Computer Vision

opencv Dlib keras Image processing

opency | SciPy Pillow Matplotlib Naturel language processing • • •

Data mining

python R

### Education

Present

Dec. 2019

**Master Computer Science** 

Option Systèmes Intelligents et Multimédia

Institut Francophone International (IFI), Vietnam National University(VNU) in Hanoi in double degree with the University of La Rochelle(France).

**Master I In Mathematical and Computer Sciences** June 2017 Cameroon.

Sep. 2016 At University of Yaounde I.

**Bachelor In Mathematical and Computer Sciences** June 2016 Yaounde,

Cameroon.

At University of Yaounde I.

### [Experience]

Sep. 2015

Feb. 2016

Nov. 2018

Juin. 2018

**Developer (Freelance)** 

Yaounde, Cameroon.

Hanoi, Vietnam.

Yaounde.

Implementation of an inventory management application for store,

in java. Yaounde, Cameroun. Feb. 2016

> **Developer Front-End (Freelance)** CMAX-IG S.A(BJFT S.A) Yaounde,

Cameroon.

Setting up a wallet for money transfer Cameroon-Canada with ionic

framework. Version beta.

Dec. 2019 IT Manager BJFT S.A Yaounde, Cameroon.

- Redesign of the Cameroon-Canada money transfer wallet in place. bift.sa app
- Adminstrator of the e-commerce platform developed with the prestashop framework. cmaxstore.com
- Responsible for relations with clients and partners (Express Union, AVS Telecom)

### **Academic Projects**

Aug. 2020

Jan. 2019

Exam monitoring using computer vision and machine learning. In-

stitut Francophone Internationale, Hanoi Vietnam. Implementation of a multi-model examination monitoring application, based on head pose detection, face recognition, emotion recognition and cheating scene recognition. (python, CNN, faceNet, In-

ception, matplotlib, seaborn, numpy, pandas, opency, django) O Models code - O code App

Dec. 2019

**Image Processing** April 2020

Institut Francophone Internationale, Hanoi Vietnam. Application of image processing operations, convolution, low pass filters (Gaussian, averaging), high pass filters (Fourier transform), thresholding, edge detection. (opency, C++)

() image processing

Avril 2020

Operational research: task assignment

Institut Francophone

Internationale, Hanoi Vietnam.

implementation of a solution to the task assignment problem. (Java)

ntask assignment problem

July 2020

Data science, house price prediction

Institut Francophone

Internationale, Hanoi Vietnam,

Using machine learning, data mining and data analysis to figure out house price prediction. (PCA, SVM, KNN, Decision tree, Linear regression)

nouse price prediction

CIE LAB color space based skin detection

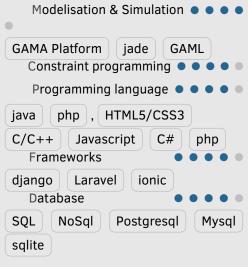
Institut Francophone

Internationale, Hanoi Vietnam.

Skin and non-skin pixel classification model using the histogram approach and the Bayesian approach.

skin detection





## References -

Dr. HO TUONG Vinh Lecturer - Researcher Email: ho.tuong.vinh@ifi.edu.vn

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## Hobbies



### Reading newspaper

Have a keen eye on current affairs



### **Music Addict**

Listen quality music of every genre



### Tracking

Going for mount climbing on every single year



#### **Travelling**

Always fond of traveling to exotic places



Jan. 2021

**Leaves recognition** Institut Francophone Internationale, Hanoi Vietnam. Using visual Bag of words and Support Vectors Machine classifier to perform leaves' trees recognition, flavia dataset.(opencv, numpy, maplotlib, kmeans)

• leave recognition

Jan. 2021

**Fingerprint recognition** Institut Francophone Internationale, Hanoi Vietnam. Using deep learning to perform fingerprint recognition based on pattern recognition, SOCOFING dataset.(opencv, fingerprint\_enhancement library numpy, pandas, maplotlib)

n fingerprint recognition

## Certification of completion

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Dec. 2020	<b>Deep Learning</b> certificate of completion of the deep learning cour Thome.	Fun-mooc.fr. se, by Nicolas
Dec. 2020	Semantic Web and Web of Data certificate of completion of the Semantic Web and course, by par Fabien Gandon, Catherine Faron-Zucl Corby.	
July 2020	<b>Discover the Python libraries for Data Science</b> ID: 1394587763	Openclassroom.
July 2020	Learn about basic digital image processing ID: 6090158907	Openclassroom.
July 2020	Is machine learning the future of humans? ID: 7594059871	Openclassroom.
June_2020	<b>Learn about Machine Learning</b> ID: 6362164750	Openclassroom.
July <u>2</u> 020	AI objective: learn about artificial intelligence ID: 2295436216	Openclassroom.
April 2020	Communicate using digital tools ID: 2661145989	Openclassroom.

### Membership

June. 2016	IT club member	University of Yaounde I, Cameroon.	
Oct. 2012	Responsible for promoting IT in ord through training workshops and Med	· ·	
UCL. 2012	through training workshops and Meetop to share our passion.		
June. 2018	Innovatech association member Non-profit organization, its main mis	Yaounde, Cameroon.	