Hantz Peter B. THERMORIS

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Computer Vision and Deep Learning - Internship

PROFILE

Previously graduated in electronic engineering, I am currently in M2 - Biometrics and Intelligent Vision. I am available from now on. With a good sense of initiative, team spirit and adaptability, autonomous and above all pugnacious, I am looking for an internship at the end of my studies.

PROFESSIONAL EXPERIENCES

11 / 2013 - 09 / 2016: ICT Department Lead on the FIPCA -PNH Project (CRC Sogema of Canada)
- Deploy and manage Windows Server 2012 R2.
- Acquire, manage and maintain (Physical and Software) equipment such as: Computers (Windows), Printers, Linux Servers (mail, files, PBXs), Routers and Switches (CISCO) Access Point, DVR Information System.
- Define the IS security policy.

10 / 2016 - 08 / 2017: IT Consultant to the FIPCA-PNH Project (CRC Sogema of Canada)
- Make recommendations for the proper functioning of the IS.
- Ensure preventive, curative and scalable maintenance of IS equipment.
- Provide training sessions on the use of MS Excel to some staff.

09 / 2017 - 07 / 2019: Free IT Consultant (different individuals and companies)

EDUCATION AND CERTIFICATIONS
- **09/2019 - 01/2021: Master - Biometrics and Intelligent Vision**
  Université Paris-Est Creteil (UPEC)
- **09/2014 - 06/2017: Leadership Training**
  Minister Devlopman Kretyen (MDK)
- **2008 - 2013: Diploma in Electronic Engineering**
  Faculty Of Science /State University of Haiti, PAP, Haiti
- **12/2012 -06/2013: Network Management, Server Management Training Seminar**
  United Nations Stabilization Mission in Haiti
- **12/2012 - 06/2013: Cisco Course (Networks)**
  IT Essentials: PC Hardware and Software CCNA Exploration: Network Fundamentals Routing Protocols and Concepts; LAN Switching and Wireless Accessing the WAN.and Concepts; LAN Switching and Wireless; Accessing the WAN.

ACADEMIC AND PERSONAL PROJECTS
- Model for the Recognition of Universal Facial Expressions (multimodal, videos, audios, images)
- Linear, Multiple, Polynomial, Non-Linear Regression Model, Ridge Regression (Machine Learning)
- Iris Tracking with opencv and Dlib using Shape_Predictor_68_Face_Landmarks.dat
- Build a Deep Neural Network: Step by Step

CERTIFICATIONS
- Data Analysis with Python (IBM)
- Python Data Structures (Michigan State University)
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (Deeplearning.ai)
- Convolutional Neural Networks in TensorFlow (Deeplearning.ai)
- Linux+ (CompTIA) and LPI Certification (Linux Professional Institute)

SKILLS
Deep Learning (CNN, RNN), Computer Vision, Machine Learning (supervised and unsupervised), Data Analysis
Image and signal processing

TOOLS
OpenCV, Tensorflow, **Keras**, **Numpy,** Matplotlib, **Pandas**, **Scikit-Learn, PyQt5,** Jupyter Notebook, Microsoft Azure (Fundamental Cloud Concepts), **Linux**

PROGRAMMING
Python   ★★★★★
Matlab   ★★★★★
C   ★★★★★
HTML/CSS   ★★★★★

LANGUAGES (bulates)
- English, **Proficient**
- Creole and French, **bilingual**
- German, (start learning it)

INTERESTS