

Nguyen Anh Minh MAI | CURRICULUM VITAE

Ph.D student in Computer Vision, Machine Learning

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🎂 10 mars 1996

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WORK EXPERIENCE

Nov 2019 - Now	Ph.D Student in Computer Vision & Deep Learning Toulouse Computer Science Research Institute (IRIT) & Toulouse Cerema Research Center in collaboration with Easymile (autonomous vehicle company), Toulouse, France Now, i'am currently working on a project about environment perception (3D object detection and semantic segmentation on point cloud from lidar sensor) for self-driving cars
FEB-AUG 2019	Research Intern in Computer Vision, Deep Learning Laboratory the Vision and Content Engineering LVIC Lab/ CEA List , Paris Saclay, France - Targeted TensorRT optimization for embedded platforms Nvidia Jetson tx2, AGX Xavier - Fine detection and recognition of large-scale products using the 3D sensor Realsense d435 [YOLOv3_tensorRT (private code)] [reconnaissance_grocery_product (private code)] [private rapport]
APR-SEP 2018	Research Intern in Computer Vision, Deep Learning Laboratory Mathematics, Image and Applications MIA Lab/ University of La Rochelle , La Rochelle, France - Object Detection, Object Recognition, Transfert learning - Reimplementing yolov3 in tensorflow - Raspberry PI 3/ TurtleBot 3 [messy code] [rapport available upon request]

EDUCATION

2019 - Now	Ph.D. student in Computer Science & Telecommunications Paul Sabatier University (Toulouse III) , Toulouse, France
2014 - 2019	Engineer's Degree in Industrial Informatics INSA CVL , Bourges, France

CERTIFICATES AND AWARDS

2019	Ph.D. Scholarship for an outstanding candidate from the Cerema Research Center, France
2017	Deep learning specifications (Certificates), Andrew Ng, Coursera
2016	Machine learning (Certificates), Andrew Ng, Coursera
2014	2 nd in math at the provincial competition of the best high school students
2011	2 nd in math at the provincial competition of the best college students

WORKSHOPS SUMMER SCHOOL

Jul 2018 Summer School on Document Analysis and Recognition at La Rochelle University, La Rochelle, France

LANGUAGES

ENGLISH: Professional working proficiency (toeic: 805 - 2019)

FRENCH: Full professional proficiency (DELF B2 - 2019)

VIETNAMESE: Mothertongue

TECHNICAL SKILLS

Computer Vision:	Experience with detection, tracking, classification and segmentation algorithms, 3D reconstruction
Robotic:	ROS (Robot Operating System), Point Cloud Library (PCL)
Programming Languages:	Python (Keras/TensorFlow, Pytorch), R, C/C++, MATLAB, and \LaTeX
Tools:	IDE (VS Code, Pycharm), Git, Doxygen, StarUML, Unit Testing, Linux

REFERENCES

References available upon request.