

# 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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## OBJECTIVE

Seeking a PhD internship in perception for self-driving car

## WORK EXPERIENCE

Nov 2019 - Now	<b>Ph.D Student in Computer Vision &amp; Deep Learning</b> <a href="#">Toulouse Computer Science Research Institute (IRIT)</a> & <a href="#">Toulouse Cerema Research Center</a> in collaboration with <a href="#">Easymile</a> (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	<b>Research Intern in Computer Vision, Deep Learning</b> <a href="#">Laboratory the Vision and Content Engineering LVIC Lab/ CEA List</a> , 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 [private code] [private rapport]
APR-SEP 2018	<b>Research Intern in Computer Vision, Deep Learning</b> <a href="#">Laboratory Mathematics, Image and Applications MIA Lab/ University of La Rochelle</a> , 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	<b>Ph.D. student in Computer Science &amp; Telecommunications</b> <a href="#">Paul Sabatier University (Toulouse III)</a> , Toulouse, France
2014 - 2019	<b>Engineer's Degree in Industrial Informatics</b> <a href="#">INSA CVL</a> , 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 <sup>nd</sup> in math at the provincial competition of the best high school students
2011	2 <sup>nd</sup> in math at the provincial competition of the best college students

## WORKSHOPS SUMMER SCHOOL

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

## LANGUAGES

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

FRENCH: Full professional proficiency (DELF B2 - 2019)

VIETNAMESE: Mother tongue

## TECHNICAL SKILLS

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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 $\text{\LaTeX}$
Tools:	IDE (VS code, Pycharm), Git, Doxygen, StarUML, Unit Testing, Ubuntu member

## REFERENCES

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References available upon request.