

CAO Anh Quan, Ph.D. Student

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Education

2021 – Now	Ph.D., Inria/PSL Research University in Computer Vision Thesis: Unsupervised 3D scene understanding from image
2019 – 2020	M.Sc., Ecole Polytechnique in Artificial Intelligence and Advanced Visual Computing GPA: 3.99/4.0 (16.9/20) – rank (1 or 2)/10
2018 – 2019	M.Sc., Telecom Paris/University Paris-Saclay in Data Science GPA: 4.0/4.0 (17.1/20) – rank 1/30 (coursework). Mention: Tres Bien
2017 – 2018	Master 1, University of Science and Technology of Hanoi in Computer Science GPA: 15.40/20 – rank 1/20
2013 – 2016	B.Sc., University of Science and Technology of Hanoi in Computer Science GPA: 16.1/20 – rank 1/40. Mention: Very Good

Working Experiences

2021 – Now	Ph.D. Student. Inria, Paris Thesis: Unsupervised 3D scene understanding from image Supervisor: Raoul de Charette
Summer 2020	Research Intern. Valeo.ai Topic: Point cloud registration → a publication at ICCV 2021 Supervisors: Gilles Puy, Alexandre Boulch, Renaud Marlet
Summer 2019	Research Intern. Safran Topic: Analyze multivariate time series on sensor data of the helicopter engines Supervisors: Sin-seok Seo and Dohy Hong
Mar 2014 – May 2018	Co-founder Color me (colorme.vn) - KEE education company Lead team of developers, develop ERP and online learning system. Teach several design courses
Summer 2016	Research Intern. LIPN, CNRS Speed up the distributed EM algorithm using Locality Sensitive Hashing Supervisor: Mustapha Lebbah

Publications

CVPR 2022	MonoScene: Monocular 3D Semantic Scene Completion <u>Anh-Quan Cao</u> and Raoul de Charette
ICCV 2021	PCAM: Product of Cross-Attention Matrices for Rigid Registration of Point Clouds <u>Anh-Quan Cao</u> , Gilles Puy, Alexandre Boulch and Renaud Marlet

Selected Honors and Awards

2019	Merit-based master scholarship , 100% tuition fee and living expense from Google, Inria and Ecole Polytechnique
2016	Top 5 Startup , Kawaii Bussiness Startup Competition - Japanese Embassy in Vietnam


Selected Honors and Awards (continued)


Research Internship Prize, funding for student with the highest GPA to do internship in France, University of Science and Technology of Hanoi


2013 – 2016 **Scholarship for outstanding student**, University of Science and Technology of Hanoi


References

Dr. Raoul de Charette


 Researcher at Inria


 [cv-rits.github.io](https://github.com/cv-rits)


 raoul.de-charette@inria.fr


 PhD supervisor

Dr. Gilles Puy

 Research scientist at Valeo.ai

 <https://sites.google.com/site/puygilles>

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 Internship supervisor