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 scence 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

Nov 2020 – Now	Ph.D. Student. **Inria, Paris** Thesis: Unsupervised 3D scence 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

ArXiv 2021	**MonoScene: Monocular 3D Semantic Scene Completion** Anh-Quan Cao and Raoul de Charette
ICCV 2021	**PCAM: Product of Cross-Attention Matrices for Rigid Registration of Point Clouds** Anh-Quan Cao, 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
✉ 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