

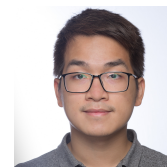
CAO Anh Quan, Ph.D. Student

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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**
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 **Master scholarship**, 100% tuition fee and living expense from Google, Inria and Ecole Polytechnique
- 2016 **Top 5 Startup**, Kawaii Business 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>

 gilles.puy@valeo.com

 Internship supervisor