

Diego Porres

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<https://www.linkedin.com/in/diego-porres/> • <https://github.com/PDillis> • Google Scholar

EDUCATION

- Universitat Autònoma de Barcelona**, Barcelona, Spain Sep 2019 – Present
- Ph.D. Student in Computer Science under the supervision of [Antonio M. López, Ph.D.](#)
 - Research and work being completed at the [Computer Vision Center](#)
 - Focusing on End-to-End Driving, Vision Transformers explainability, and Generative Models
- Université Nice Sophia Antipolis**, Nice, France Sep 2015 – Sep 2017
- Master of Mathematics and Interactions, with Specialty in Pure and Applied Mathematics
- Università degli Studi dell'Aquila**, L'Aquila, Italia Sep 2015 – Sep 2017
- MSc. in Mathematical Engineering
- Universidad del Valle de Guatemala**, Guatemala, Guatemala Jan 2007 – Nov 2012
- BSc. in [Physics](#)

PUBLICATIONS

CONFERENCES

- [Diego Porres](#), [Yi Xiao](#), [Gabriel Villalonga](#), [Alexandre François Levy](#), [Antonio M. López](#), “[Guiding Attention in End-to-End Driving Models](#)”, in [IEEE Intelligent Vehicles Symposium \(IV\) 2024](#), Jeju Island, Korea, 02 Jun 2024 – 05 Jun 2024.
- [Yi Xiao](#), [Felipe Codevilla](#), [Diego Porres](#), [Antonio M. López](#), “[Scaling Vision-based End-to-End Driving with Multi-View Attention Learning](#)”, in [IEEE/RSJ International Conference on Intelligent Robots and Systems \(IROS\) 2023](#), Sydney, Australia, 1 Oct 2023 – 5 Oct 2023.

WORKSHOPS

- [Diego Porres](#) and [Alex Gomez-Villa](#), “[At the edge of a generative cultural precipice](#)”, in [CVPR Fourth Workshop on Ethical Considerations in Creative Applications of Computer Vision 2024](#), Seattle, U.S.A., 17 Jun 2024.
- [Diego Porres](#), “[Discriminator Synthesis: On reusing the other half of Generative Adversarial Networks](#)”, in [NeurIPS Workshop on Machine Learning for Creativity and Design 2021](#), Sydney, Australia, 13 Dec 2021.

AWARDS & SCHOLARSHIPS

- [Grants for predoctoral contracts for the training of doctoral candidates 2018](#) Sep 2019 – Jan 2024
MICINN, Fondo Social Europeo, Agencia Estatal de Investigación
- [Erasmus Mundus \(Erasmus+\) Scholarship](#), Università degli Studi dell'Aquila Sep 2015 – Sep 2017
Awarded to the most talented applicants who will be full-time students enrolled in the MathMods MSc program, based on the ranking made by the MathMods Evaluation Committee.

PROFESSIONAL EXPERIENCE

- Master in Computer Vision**, Computer Vision Center, Universitat Autònoma de Barcelona
- Teaching Assistant*
- Generative Adversarial Networks Mar 2020 – Mar 2023
 - Design and grade the [GAN exercise](#) for the Generative Models lectures given by [Michał Drożdżał](#)
 - Its goal is to give a profound understanding of the training mechanism of a GAN
- Snapchat**, Remote 21 Jul 2020 – 21 Aug 2020
- AR Creator Residency Program (now [Ghost](#))
 - Project: Create a Snapchat Lens leveraging the Machine Learning capabilities of [Lens Studio 3.x](#)
 - Final lens: [Huipil HairStyle](#): change hair color, conditioned on the styles of [huipils](#) from different regions of Guatemala
 - Focus: Machine learning Lens Studio, style transfer, Pytorch, ONNX, Javascript.

PROJECTS

Visual-reactive interpolation with [StyleGAN3](#) ([static](#) and [live](#) demos; code [here](#)); [Sketchbook Drawings](#)

INTERESTS

Generative art (expo @ NeurIPS Workshop on ML for Creativity and Design [2018](#), [2020](#), [2021](#), [2022](#), [2023](#), Museo Ixchel de Traje Indígena - [2022](#), CVPR [2023](#) and [2024](#) Art Gallery), photography, swimming, hiking, art, volunteering.