



POL COMPANY

computer engineer ABOUT

My passion for AI and its possibilities sets the tone for those around me, making teamwork truly enjoyable. I believe change and adaptability are critical competencies to have, especially true in today's fast-changing environments. One last thing: My current personal challenge is attaining a work-life balance, so don't even think of reaching me on my weekends! (I will be hanging out and enjoying fresh air). Stay curious!

EXPERIENCE

SOFTWARE ENGINEER

BCN Visuals
May 2020 - July 2020

Working at BCN Visuals has been an exciting opportunity in which I was tasked to manage different aspects of the digital experiences industry. I worked in the development of stochastic and procedural applications that impacted directly into the digital content, projects that have impacted me artistically as I collaborated with top artists in the field.

PROJECTS

AIART

Intelligent art advisor

Get advice from your drawings and images from an **intelligent recognition** system that analyses your images and helps you improve your **art** projects. Available at aiart.vision

NETWORK DESIGNER

AI neural network

Build **neural networks** with a web-based visual programming tool, design models and export them as PyTorch or TensorFlow equivalents. Available at polmonroig.com/designer

CLOUD SEGMENTATION

AI transfer learning

Classifying cloud types is a complicated task even for humans, the purpose of this task is to create an AI system that learns to classify **segments of images** into cloud categories. This system learns using a **transfer learning** method.

CONTACT

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EDUCATION

BARCELONA SCHOOL OF INFORMATICS

Sept 2017- Jun 2021

Currently enrolled in a degree of computer engineering in UPC, Barcelona

CORE SKILLS

- AI and deep learning
- Advanced experience in many languages (C++, Python, Java, Haskell and more)
- Computer graphics with shader languages
- Game development

SOCIAL

🐙 github.com/polmonroig

🌐 [linkedin.com/in/polmonroig](https://www.linkedin.com/in/polmonroig)