# Víctor Ponce López

## Contact

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## Languages

Catalan ★★★★★(native),
Spanish ★★★★★(native),
English ★★★★☆
(advanced reading/writing,
intermediate-fluent oral),
Français ★★☆☆☆
(intermediate reading/writing,
basics oral).

## Programming Languages, Libs, Tools, Web and Environments

♥ Python, MATLAB, C++, C#, C, R, Scala, Java, openCV, Kinect™SDK, OpenNI, openGL, VS, VC++, VB, .NET, Netbeans, Eclipse, UML, MD, SVN, GIT, Redmine, XML, SQL, MySQL, PostgreSQL, PHP, HTML, CSS, JavaScript, Hive, Spark, Bash, GRAFCET, Assembler, VHDL, Prolog, CLIPS, NTKL, LaTeX; HDFS, AWS, Azure, CodaLab, Kaggle; libraries/toolboxes for computer vision, deep learning, optimization and statistical pattern recognition.

## OS Preferences

GNU/Linux ★★★★★
Windows ★★★★★
MacOS ★★★☆☆
Android ★★★★☆
iOS ★★★☆☆

## short bio

I got my PhD at the the Dept. of Mathematics and Computer Science, University of Barcelona (UB). I received my B.Sc. degree in Computer Science at the Faculty of Mathematics of UB, and my M.Sc. degree in Artificial Intelligence at the Polytechnic University of Catalonia (UPC). I have been affiliated to the Computer Vision Center at the Autonomous University of Barcelona (UAB), in the group Human Pose Recovery and Behavior Analysis (HuPBA); the Internet Interdisciplinary Institute (IN3) at the Open University of Catalonia (UOC), in the group Scene UNderstanding and Artificial Intelligence (SUNAI); and the group Qarma at the Laboratoire d'Informatique Fondamentalle (LIF), Aix-Marseille Université.

## experience

**2016–Present** — **Eurecat, Technology Center of Catalonia: Big Data Analytics Unit** — Barcelona, Spain
*Research Scientist.*
- Horizon H2020 projects and partnership with Orange, GSMA, and MWC.

**2010–2016** — **University of Barcelona, Open University of Catalonia, Computer Vision Center, and Dept. of Justice of the Generalitat of Catalonia**
*Collaboration in research projects, international stay, 35+ scientific publications and peer-reviews, teaching and material preparation, organization/attendance on international conferences, events, and seminars.*
- 4 impact factor journals, 12 conference proceedings, and 1 book chapter.
- Collaboration with ChaLearn Looking At People (LAP) and partnership with well-known institutions (**Microsoft**, **NVIDIA**, **Google**, **Amazon**, **Disney**, **Facebook**).
- Research projects on human behavior analysis within real-world domains.

**2010** — **Barcelona's Council: Dept. of Education, Culture and Welfare** — Barcelona, Spain
*IT Technician and Project Development.*

**2007** — **BCN Network Solutions & Services S.L** — Barcelona, Spain
*IT Consultant, Web developer, and commercial.*

## education

**2012–2016** — **Ph.D. in Mathematics and Computer Science**
Faculty of Mathematics, University of Barcelona
Dissertation: "Evolutionary Bags of Space-Time Features for Human Analysis." **With Honors.**

**2010–2012** — **M.Sc in Artificial Intelligence**
Polytechnic University of Catalonia, University of Barcelona, and Rovira i Virgili University.
Dissertation: "Multi-Modal Human Gesture Recognition combining Dynamic Programming and Probabilistic Methods." **With Honors.**

**2006–2010** — **B.Sc in Computer Science: Systems engineering**
Faculty of Mathematics, University of Barcelona.
Dissertation: "Analysis of Oral and Gestural Expression using an Artificial Vision System." **With Honors.**

## extracurricular

**2006–Present** — **Driving license**

**2004–Present** — **Martial Arts licenses** — Hapkido 2nd Black Belt

**1998–2004** — **Musical language and Piano licenses**

## interests

I am a technology passionate. My main research fields of interest are computer vision, machine learning, and evolutionary computation applied to social computing. It motivates me being up to date in the latest discoveries to foresee the next trends for the future.