

*Curriculum Vitae*

# Ivan Franco

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## PROFILE

10+ years of research, development and strategic management of interactive products and technologies. Clients and partners such as Microsoft, Dell, HP, IBM, Fraunhofer and Philips. Recognized thought-leader in new media art, human-computer interaction and physical interfaces.

## EXPERTISE

- R&D manager for award-winning company YDreams.
- Technical, functional and strategic management.
- Intellectual property, licensing and partnerships.
- Team management through Agile principles.
- Worked across teams with Production, Sales, Marketing and VPs.
- Co-inventor of several patents.
- Excellent communicator and consultant.
- Technical skills in HCI, programming, electronic circuitry, product design and rapid prototyping.

## ACHIEVEMENTS

- PhD in Music Technology.
- Peer-reviewed publishing and co-author of several patents.
- Business development in Silicon Valley with partners and clients like Dell, HP and IBM.
- Development of AR experiences for Canesta and Primesense, later acquired by Microsoft to create the Kinect controller.
- Guest Speaker at ISE DOOH Business Conference, TEDx, EComm, OFFF, SXSW, ARE, Screenmedia Expo, Berklee College of Music, IBM Research, 6 Sight, NIME, Merging 2011, Pecha Kucha, Future Places, GEAR, Upgrade!, Art Futura, Zeppelin Festival and many universities.
- Participation in IPO operations for YDreams' spin-offs.
- Promotor of the Fab Lab initiative in Portugal, together with Neil Gershenfeld (MIT).

- Winner of several awards and scholarships, including the 2010 Personality of the Year Award by the Portuguese Association for the Promotion of Multimedia and Digital Society.

## **WORK EXPERIENCE**

**2014 - 2019      Researcher and New Media Teacher      McGill University**

**2004 - 2013      R&D Director      YDreams**

- Management of 25+ researchers and project managers.
- Technical and strategic management of R&D portfolio.
- Intellectual property, licensing and partnerships.
- Financial management of yearly R&D budget of around 1M€.
- Follow-up to product design.

**2002 - 2004      Associate Researcher      YDreams**

- Design and production of audiovisual interactive systems and user interfaces with emphasis on physical computing and realtime processing.
- Creative and strategic consulting.

**2001 - 2002      Researcher and Teacher      Pompeu Fabra University**

- Development of interactive music systems.
- Tutorship in composition and sound production.

**1997 - 1999      Researcher      New University of Lisbon**

- 3D and VR systems applied to GIS and model simulation.

## **EDUCATION**

**2014 - 2019      PhD in Music Technology      McGill University**

**1999 - 2001      M.A. in Digital Arts      Pompeu Fabra University**

**1993 - 1998      BSc in Environmental Engineering      New University of Lisbon**