

Education

Massachusetts Institute of Technology - MIT

Dual-Degree Candidate between Master of Science in Electrical Engineering and Computer Science and Master of Science in Architecture Studies Design and Computation; GPA: 4.8/5.0.

- La Caixa Fellowship recipient, handed down personally by the King of Spain. Full tuition and stipend. \$120'000.
- Thesis Advisors: Terry Knight, Patrick Winston, Pattie Maes.

Cambridge, MA
Jun. 2017

Universitat Politècnica de Catalunya - UPC

Master of Science in Architecture (MArch) + Bachelor of Science in Architecture (BArch).

- Highest Honors Awarded for Master Thesis: 10/10.
- Completed a semester abroad at the University of Texas at Arlington (UTA) funded by the Bancaja Scholarship GPA 4.0/4.0.
- Completed a semester abroad at the Technical University of Lisbon (UTL) in Portugal funded by the Erasmus Scholarship.

Barcelona, ES
Jan. 2012

Research

MIT Media Lab

Research Assistant, Fluid Interfaces Group (Prof. Pattie Maes).

- Conceived and developed interfaces to enhance human potential.
- Won Best Poster award at UIST '16 - ACM's 29th Annual Symposium on User Interface Software and Technology with "NeverMind: Using Augmented Reality for Memorization" in Tokyo, Japan.
- Presented at MIT MediaLab Sponsors Week.

Cambridge, MA
Jun.2016 -

Universitat Politècnica de Catalunya

Research Assistant - Architecture Department.

- Co-organized conference seminars for the STEP2015-Sustainability, Technology and Excellence Program with prof. Altes.
- Scheduled a panel of 20 keynote speakers proposing sustainable models for the UPC.

Barcelona, ES
May 2009 - Sep.009

Teaching

Massachusetts Institute of Technology - EECS Department

Graduate Teaching Assistant for Patrick Winston's The Human Intelligence Enterprise AI Course (6.803/6.833)

- Provided feedback on written assignments to help 60 students improve communication skills and understand content on Topics in Artificial Intelligence.
- Full TA with tuition + stipend.

Cambridge, MA
Feb. 2017-

Professional

EM2N Architekten (ETH Zurich Visiting Professors)

Project Architect, Competition Team Leader.

- Designed over 15 national and international competition entries leading to current commissions over \$200 million.
- Executed concept design, development, scheduling and supervised a team of architects in the architectural competition team.
- Developed award winning concepts for museums, corporate headquarters, aquariums, stadiums and TV studios among others.
- Deployed custom software tools to accelerate the competition process and trained new employees in digital workflows.

Zurich, CH
Jun.2012 -Jun.2015

RDO Design

Principal.

- Designed the board of the 2015 Streetboard World Champion, Gabi Munoz. The board was used to win the 2015 World Championships.
- Produced retail photography for clients including Dean&David AG, EFinance Private Equity, Ele Arkitektura, Argi & Garbi among others.

Barcelona, ES
Apr.2011-

Gramazio Kohler Architects

Architectural Intern, Competition Team Member.

- Supported the competition team in concept design and drawing production for national competitions.
- Collaborated on the design of a school and a test site for novel facade systems.
- Specialized in visualization, complex geometries and computer applications to early design phases.

Zurich, CH
Apr.2012- Jun.2012

Awards

- La Caixa Foundation Fellowship for studies at MIT (\$120K full tuition and stipend, only awarded architect in Spain, 2015-2017).
- Best Poster Award at ACM's User Interface and Software Technology (UIST). Tokyo, Japan (2106).
- MIT graduate TA tuition and stipend award (2017).
- Avalon Travel Grant. Awarded to present NeverMind in Tokyo, Japan. MIT Department of Architecture (2016).
- 1st Prize Masterplan for the extension of the University of Zurich Campus in Irchel (with EM2N,2015).
- 1st Prize UBS World Headquarters Architectural Competition. Zurich, Switzerland (\$xxxM, with EM2N, 2012).
- ETSAV Highest Honors Awarded for Master Thesis Project Graded 10/10.
- 1st Prize Schindler Awards Student Architectural Competition 4th Edition (\$1500, 2011).
- 2nd Prize American Institute of Architecture Students - AIAS Bohemian Flats Competition (\$2000, 2009).
- Bancaja Grant for Spanish Students Studying in North America (\$3000, 2009).
- Erasmus Grant for Exchange Program in the Universidade Tecnica de Lisboa (2009).
- EU Lifelong Learning Program - LLP Grant for Intensive Program in Landscape Studies in Vicenza, Italy (2009).
- US White House Merit Award for Outstanding Academic Efforts. Aviara Oaks School, Carlsbad, CA, USA (1998).

Skills

CAD: Proficient in Rhinoceros3D, AutoCad and VectorWorks. **Rendering:** Proficient in Vray, Maxwell and Keyshot rendering engines. Basic Unity. **Multimedia:** Proficient in Adobe Photoshop, Illustrator, InDesign and AfterEffects. **Project Management:** Scheduling, resource planning, ideation. **Human Languages:** Proficient in Spanish, Catalan and English. Basic German, Portugese and French. **Computer languages:** Python and C#. **Web:** HTML / CSS / JavaScript / P5.