Ricardo Martin Brualla
Curriculum Vitae

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EDUCATION

University of Washington, *Seattle, WA* — expected Spring 2016
Ph.D. in Computer Science and Engineering, GPA 3.92
Advisor: Steve Seitz
Thesis Title: Internet Photos as a Time-lapse Camera.
Research Interests: Computer Vision and Graphics

Universidad Politécnica de Catalunya, *Barcelona, Spain* — 2010
BSc. in Mathematics, GPA 8.4 / 10
BEng. in Computer Engineering, GPA 8.5 / 10

PUBLICATIONS

3D Time-lapse Reconstruction from Internet Photos
Ricardo Martin-Brualla, David Gallup and Steve Seitz, ICCV 2015 (oral).

Time-lapse Mining from Internet Photos
Ricardo Martin-Brualla, David Gallup and Steve Seitz, SIGGRAPH 2015.
Featured in WIRED, BBC, Washington Post, Gizmodo, CNET, PBS, The Verge, etc.

The 3D Jigsaw Puzzle: Mapping Large Indoor Spaces
Ricardo Martin-Brualla, Yanling He, Bryan Russell and Steve Seitz, ECCV 2014.

**3D Wikipedia: Using Online Text to Automatically Label
and Navigate Reconstructed Geometry**
Bryan Russell, R. Martin-Brualla, Dan Butler, Steve Seitz and Luke Zettlemoyer, SIGGRAPH Asia 2013.

**Viewport: A Fully Distributed Immersive Teleconferencing System
with Infrared Dot Pattern**
Cha Zhang, Qin Cai, Phillip Chou, Zhengyou Zhang and R. Martin-Brualla, IEEE Multimedia, 2012.

Instance Sense Induction from Attribute Sets
R. Martin-Brualla, E. Alfonseca, M. Pasca, K. Hall, E. Robledo-Arnuncio, M. Ciaramita, COLING 2010.

The Role of Query Sessions in Extracting Instance Attributes from Web Search Queries
M. Pasca, E. Alfonseca, E. Robledo-Arnuncio, R. Martin-Brualla, K. Hall, ECIR 2010.

INTERNSHIPS

Google: Virtual Reality, Seattle, WA — 2015
Design and prototype of future VR camera based on Google's JUMP camera.

Google: 3D Geo Team, Seattle, WA — 2014
Semantic photo tours at city and region-scale and time-lapse videos from Internet photos.

Google: Image Search, Mountain View, CA — 2013
Image classification with visual-semantic embeddings using deep learning.

Microsoft Research: Communication and Collaboration Systems, Redmond, WA — 2011
Real-time 3D reconstruction system using multiple Kinect lasers and RGB/IR camera pairs.

Google: Search Quality, Zurich, Switzerland — 2009
Instance sense induction of search queries using attributes.

Bloomberg Ltd, London, UK — 2007

SCHOLARSHIPS

"La Caixa" Fellowship most prestigious graduate fellowship in Spain. — 2010

Center for Interdisciplinary Studies scholarship for double degree studies. — 2006 - 2010

National Scientific Research Council "Introduction to Research" scholarship. — 2008 - 2009

AWARDS

Honorable Mention at the ACM ICPC World Finals. — 2007, 2009

1st and 2nd at the ACM ICPC South Western European Regional Contest (SWERC). — 2006, 2008

TopCoder Collegiate Challenge Finalist (top 48 out of 3000). — 2006

Bronze medal at the International Olympiad in Informatics in 2005. — 2005

Honorable Mention and Silver medal and at the International Physics Olympiad. — 2004, 2005

1st place in Spanish Physics and Informatics Olympiad. — 2005