

Raúl Díaz García

CONTACT INFORMATION	4219 Donald Bren Hall Irvine, CA 92617	rdiazgar@uci.edu http://www.ics.uci.edu/~rdiazgar/
EDUCATION	University of California, Irvine <ul style="list-style-type: none">• Ph.D., Computer Science, Sept 2011 – Oct 2016. Universitat Autònoma de Barcelona, Spain <ul style="list-style-type: none">• M.S., Computer Vision and Artificial Intelligence, Sept 2008 – Sept 2009.• B.S., Computer Engineering, Sept 2001 – June 2007. Nottingham Trent University, UK <ul style="list-style-type: none">• B.S.'s Final Year Project, Feb 2006 – Jun 2006.	
CONFERENCE PUBLICATIONS	R. Díaz , M. Lee, J. Schubert, C. Fowlkes, “Lifting GIS Maps into Strong Geometric Context for Scene Understanding”, <i>Winter Conference on Applications in Computer Vision (WACV)</i> , Lake Placid, New York, 2016. R. Díaz* , S. Hallman*, C. Fowlkes, (*equal contribution), “Detecting Dynamic Objects with Multi-View Background Subtraction”, <i>International Conference in Computer Vision (ICCV)</i> , Sydney, Australia, December 2013. R. Díaz* , S. Hallman*, C. Fowlkes, (*equal contribution), “Multi-View Background Subtraction for Object Detection”, <i>Scene Understanding Workshop, CVPR</i> , Portland, Oregon, June 2013.	
WORK EXPERIENCE	HP Inc, San Diego, CA (Since 2016) <i>Immersive Technology Engineer (intern)</i> <ul style="list-style-type: none">• 3D Computer Vision researcher. CEPL, Barcelona, Spain (May 2010 – July 2011) <i>Project analyst</i> <ul style="list-style-type: none">• Supervised migration from Sony's logistic system to CEPL's.• Maintained Sony's former legacy applications. Sony Spain, Barcelona, Spain (Aug 2006 - April 2010) <i>Chief Technology Architect</i> <ul style="list-style-type: none">• Lead the design of database schemes and supervised a team dedicated to implement software interfaces for Intranet development. <i>Consultant</i> <ul style="list-style-type: none">• Evaluated the need for new business software tools across departments. <i>Software Engineer</i> <ul style="list-style-type: none">• Designed the logistic division's new software layer on top of a host environment.	

Isislan Servicios Informáticos, Sabadell, Spain (Sept 2004 – Jan 2006)

IT engineer

- Network and Database administration of several customer companies.

TEACHING
EXPERIENCE

Universitat Autònoma de Barcelona (Sept 2009 – July 2011)

Teacher Assistant: Introduction to Artificial Intelligence

- Lead discussion lectures on introductory concepts of AI: search, heuristics, and supervised/unsupervised learning.

Teacher Assistant: Artificial Vision

- Taught laboratory sessions about initial aspects of vision: acquisition, filtering, morphological transforms, description, segmentation, and clustering.

Teacher Assistant: Introduction to algorithms and programming

- Lead discussion lectures about basic programming structures, algorithm concepts, and software life cycles (design, coding, test).

Teacher Assistant: Databases

- Taught discussion sessions on relational database architecture, entity-relationship models, design, and normalization.

AWARDS &
GRANTS

Balsells Fellowship, Sept 2011 – Aug 2013.

Erasmus Fellowship, Feb 2006 – Jun 2006.

LANGUAGE
SKILLS

Spanish and **Catalan** as a native speaker.

English:

- TOEFL, 2011.
- Certificate in Advanced English (CAE), University of Cambridge, 2006.

TECHNICAL
SKILLS

	<i>Proficient</i>	<i>Familiar</i>
Operating Systems:	Windows, Linux	OpenVMS
Programming:	Matlab, Java, C/C++	Pascal, Python, Ruby
Databases:	Oracle, MySQL, PostgreSQL	
Front-end:	HTML, JSP, JavaScript	JSTL
Other:	LaTeX, Git, Subversion	

OTHER
ACTIVITIES

Cooperated in the Catalan House of California, Sept 2011 – Aug 2013.

<http://www.casalcatalalosangeles.org/>

Voluntary member of a presidential candidacy at Club Natació Sabadell, Spain, 2011.

<http://www.nataciosabadell.com/>

Federated Futsal player, Spanish Futsal League:

- Futbol Sala Castellar, 2007-2011, *team captain*.
- Futbol Sala Bigues i Riells, 2006-2007, *team captain*.
- Club Natació Sabadell, 2001-2006.

Futsal coach

- Ferran Casablanques High School, Sabadell, Spain, Sept 2002 - June 2007