

# Adrià Recasens Contintente

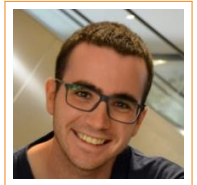
## Curriculum Vitae

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April 24, 1990



## Education

- 2014–Present **PhD in Computer Science**, *Massachusetts Institute of Technology*, Cambridge, MA.  
◦ *Advisor*: Antonio Torralba
- 2008–2014 **Degree in Interdisciplinary Engineering**, *BarcelonaTech Interdisciplinary Higher Education Center (CFIS)*, Barcelona, Spain.
- 2008–2014 **Engineer's degree in Telecommunications Engineering**, *BarcelonaTech School of Telecommunications Engineering (ETSETB)*, Barcelona, Spain, GPA: 8.86/10. Ranked third in the class out of 152 students.  
◦ *Thesis title*: *Object detection and recognition: from saliency prediction to one-shot trained detectors*  
◦ *Thesis advisor*: Antonio Torralba
- 2008–2013 **Degree in Mathematics**, *BarcelonaTech School of Mathematics and Statistics (FME)*, Barcelona, Spain, GPA: 8.78/10. Valedictorian: ranked first in the class out of 34 students.
- 2006–2008 **Spanish Baccalaureate (high school equivalent) – Technology Specialization**, *Súnon Escola d'ESO i Batxillerat*, Barcelona, GPA: 9.1/10.  
Graduated with honors.

## Experience

### Research experience

- 09/2014–present **Graduate Research Assistant**, *Computer Science and Artificial Intelligence Laboratory of the Massachusetts Institute of Technology*, Cambridge, MA, USA.  
Research on saliency prediction and object detection under the supervision of Professor Antonio Torralba.
- 06/2015–09/2015 **Summer Research Intern**, *Microsoft Research*, Redmond, WA, USA.  
Research on artificial intelligence applied to social network environments under the supervision of Nebojsa Jojic.
- 11/2013–08/2014 **Research Assistant**, *Computer Science and Artificial Intelligence Laboratory of the Massachusetts Institute of Technology*, Cambridge, MA, USA.  
Research on one-shot trained object detectors and saliency prediction under the supervision of Professor Antonio Torralba.
- 10/2013–08/2014 **Collaborator**, *BarcelonaTech*, Barcelona, Spain.  
Collaborator on the project Android Beyond the Stratosphere, recipient of the 2013 Google Research Award, under the supervision of Professor Eduard Alarcón and Elisenda Bou. Contributing to the integration of Android-Arduino in nanosatellites.
- 8/2012–08/2014 **Collaborator**, *Mobile Experience Laboratory of the Massachusetts Institute of Technology*, Cambridge, MA, USA.  
Design and implementation of a communication protocol under the framework of the Web of Things for the Sustainable Connected Home under the supervision of Professor Federico Casalegno.
- 2/2012–9/2013 **Research Assistant**, *Laboratory for Relational Algorithmics, Complexity and Learning (LARCA)*. *BarcelonaTech Department of Software.*, Barcelona, Spain.  
Working in learning algorithms for non-deterministic automatas based in spectral methods under the supervision of Ariadna Quattoni.
- 6/2012–8/2012 **Research Assistant**, *Mobile Experience Laboratory of the Massachusetts Institute of Technology*, Cambridge, MA, USA.  
Design and implementation of a communication protocol under the framework of the Web of the Things for the Sustainable Connected Home under the supervision of Professor Federico Casalegno.
- 6/2011–8/2011 **Research Assistant**, *Mobile Experience Laboratory of the Massachusetts Institute of Technology*, Cambridge, MA, USA.  
Artificial Intelligence. Design of a monitoring and estimation system for the appliances of the Sustainable Connected Home under the supervision of Professor Federico Casalegno.

## Miscellaneous

6/2006- **Web Designer**, *Infonomia*, Barcelona.  
7/2006 Web designer

## Languages

Catalan **Native Speaker**  
Spanish **Native Speaker**  
English **Full Professional Proficiency**

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## Technology

C/C++	advanced	MATLAB	advanced
Java	intermediate	Maple	beginner
Python	advanced	LISP	beginner
HTML	intermediate	CSS	intermediate

## Awards and Fellowships

- 2014 **Third best student award**, 2014 *BarcelonaTech* graduating class, *Engineer's degree in Telecommunications Engineering*.
- 2014 **Best paper award nomination**, for the paper *Developing a RESTful communication protocol and an energy optimization algorithm for a connected sustainable home at Urb-IoT 2014*.
- 2013 **La Caixa Fellow**, full funding for two years of doctoral program.
- 2013 **Formula Santander Fellow**, partial funding of year-long stay for master's thesis.
- 2013 **CFIS PFC Fellow**, partial funding for a one year's master thesis stay.
- 2013 **Valedictorian**, 2013 *BarcelonaTech* graduating class, *Degree in Mathematics*.
- 2008-2013 **CFIS Fellow**, five-year, full funding for *Degree in Engineering and Degree in Mathematics at Barcelona Tech, 2008-2013*.
- 2011-2012 **CFIS Altres Fellow**, partial funding for two summer internships at the *Massachusetts Institute of Technology, Summer of 2011 and 2012*.
- 2012 **Best Student Award**, initial cycle of the *Degree in Telecommunications Engineering and Degree in Mathematics*.
- 2010 **Fifth Best Student Award**, first year of the *Engineer's degree in Telecommunications*.
- 2008 **Silver Medal**, *Physics Olympiad of Spain*.
- 2008 **Silver Medal**, *Physics Olympiad of Catalonia*.
- 2006 **Honorable Mention**, *Proves Cangur*.

## Presentations

- October 2014 Developing a RESTful communication protocol and an energy optimization algorithm for a connected sustainable home *Urb-IoT, Rome*
- September 2013 **Spectral Learning of Sequence Taggers over Continuous Sequences** *ECMLPKDD, Prague*
- March 2013 **Solving Problems** *Sociedad Española de Químicos Cosméticos, Barcelona*
- February 2013 **Solving Problems** *TEDxYouth@Barcelona, Barcelona*

## Publications

Sotirios D Kotsopoulos, Federico Casalegno, Adria Recasens, and Wesley Graybill. Developing a restful communication protocol and an energy optimization algorithm for a connected sustainable home. In *Proceedings of the First International Conference on IoT in Urban Space*, pages 62–67. ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering), 2014.

Adria Recasens\*, Aditya Khosla\*, Carl Vondrick, and Antonio Torralba. Where are they looking? In *Advances in Neural Information Processing Systems (NIPS) (to appear)*, 2015.

Adria Recasens and Ariadna Quattoni. Spectral learning of sequence taggers over continuous sequences. In *Machine Learning and Knowledge Discovery in Databases*, pages 289–304. Springer Berlin Heidelberg, 2013.