[github][www.github.com/massich/] massich [linkedin][www.linkedin.com/in/massich/] massich [skype] sik.van [twitter]jmassich
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# Joan Massich

_Software Engineer, Research fellow_

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Born 15 March 1984

_This is how I did it Anton. I never saved anything for the swim back. (Gattaca, 1997)_

## Experience

**Apr. 2017 –**
**Developer**, _scikit-learn, INRIA_, Paris-sacle

**Apr. 2017 –**
**Postdoctoral fellow**, _Department of Scientific Computing, Florida State University_

**Dec. 2015 – Sep. 2016**
**Attaché temporaire d'enseignement et de recherche (ATER)**, _Le2i - Laboratorie Electronique, Informatique et Image UMR CNRS 6306 at IUT Dijon_, Dijon

**Dec. 2013 – Dec. 2015**
**Postdoctoral fellow**, _Le2i - Laboratorie Electronique, Informatique et Image UMR CNRS 6306 at IUT Le Creusot_, Le Creusot

**Oct. 2009 – Dec. 2013**
**Research assistant**, _ViCOROB - Computer Vision and Robotics group at University of Girona_, Girona
Breast Ultra-Sound imaging, segmentation, stochastic methods,

**June 2009 – Oct. 2009**
**Research assistant**, _Applied Vision Laboratory (AVL) at Texas Tech University (TTU)_, Lubbock
Software design, data visualization, matlab, acceptance tests, medical imaging.

## Education

**Oct. 2009 – Dec. 2013**
**PhD in Computer Vision**
_Universitat de Girona_, Girona, Catalonia.
_Université de Bourgogne_, Le Creusot, France. title: Deformable object segmentation in ultra-sound images.
grade: Unanimity excellent with honors.

**Sept. 2007 – June 2009**
**Erasmus Mundus Master Course on Computer Vision and Robotics (VIBOT)**
_Heriot-Watt University_, Edinburgh, Scothland.
_Universitat de Girona_, Girona, Catalonia.
_Université de Bourgogne_, Le Creusot, France.
Autonomous Robots, Fundamentals on Robotics, Visual Perception, Real-time Image Processing, Scene Segmentation and Interpretation, Software Engineering, Image processing, Digital Signal Processing, Data Mining and Machine Learning, Medical Imaging, Shape Recognition Statistics, Infrared Imagery, Image Analysis.
grade: 8.1 over 10

**Sept. 2005 – Sept. 2007**
**Computer Science Engineering**,
_Universitat de Girona_, Girona, Catalonia
Software Engineering, Computer Networks, Compilers, Computer Architecture, Numeric Methods, Economy, Production Systems, Computer Vision, Statistics, User Interfaces, Security.
grade: 7.7 over 10

**Sept. 2002 – Sept. 2005**
**Technical Engineering in Computer Systems**,
_Universitat de Girona_, Girona, Catalonia
Algorithms, Computer Architecture, Electronics, Digital Circuits, Database Systems, Computer Vision, Robotics, Software Engineering, Computer Networks, Operating Systems, Discrete Structures, Probability and Statistics, Digital Logic, Control Systems, VLSI Design, Artificial Intelligence.
grade: 6.9 over 10

| Operating Sytem | **Linux (Gentoo)** | |
|---|---|---|

## Languages

| Catalan | **IRL 5** | *Mother tonge* |
|---|---|---|
| Spanish | **IRL 5** | *Mother tonge* |
| English | **IRL 4-5** | |
| French | **IRL 3-4** | |

## Publications

## Awards

**Feb. 2016**

**Best student paper award for**, *Rastgoo et. al. "Classification of melanoma lesions using sparse coded features and random forests"*, Rome

**Aug. 2006**

**Member of the ViCOROB-UDG team honored as the winner of the 2006 SAUC-E (Student Autonomous Underwater Challenge Europe) competition**, London