Alberto Montes

Resume

Kalchbühlstrasse 94
8038 Zürich, Switzerland
✆ +34 635 087 896
✉ al.montes.gomez@gmail.com
in albertomontesg
 albertomontesg

Education

2016–Present	**Master in Computer Science**, *Swiss Federal Institute of Technology (ETH)*, Zürich, Specialization in Visual Computing.
2011–2016	**Bachelor in Science and Technology in Telecommunications**, *Polytechnic University of Catalonia*, Barcelona, *GPA − 9.0*.
2011–2016	**Bachelor of Engineering in Industrial Technologies**, *Polytechnic University of Catalonia*, Barcelona, *GPA − 8.7*.

Research

Bachelor Thesis

Title	*Temporal Activity Detection in Untrimmed Videos with Recurrent Neural Networks*
Supervisors	Professor Xavier Giró-i-Nieto & Doctorate Student Amaia Salvador
Description	This thesis explores the use of Convolutional Neural Networks and Recurrent Neural Networks to classify activities in videos and temporally localize this activities. The work was presented at *NIPS 2016 Workshop LSCVS* winning the *Best Poster* award. Project Link

Publications

Alberto Montes, Amaia Salvador, Santiago Pascual, and Xavier Giro-i Nieto. Temporal Activity Detection in Untrimmed Videos with Recurrent Neural Networks. December 2016.

Experience

2015–2016	**Backend Engineer**, *Verse Technologies*, Barcelona. Working in a FinTech Startup as a Backend Engineer developing and maintaining the server side of a mobile app that allows to send and request money to your friends at the same time that you can add and withdraw money from your bank.
2015	**Summer Intern**, *OpenDaylight Project*. Implement a GUI that simplifies provisioning, programming, and visualization of network overlays using the LISP Flow Mapping service from Cisco in the SDN open source project OpenDaylight.

Computer skills

Advance	`Python, Java, C/C++, Matlab, LaTeX`
Intermediate	`R, JavaScript, SQL`
Experience	`NumPy, Scikit-learn, Matplotlib, Keras, TensorFlow, Theano, OpenCV, Django, AngularJS, Docker, nginx, UNIX/Linux, git`

Languages

English	Advance	*Fluent in comprehension, writing and speaking*
German	Basic	*Basic words and phrases only*
Spanish & Catalan	Mothertongue	