

# CURRICULUM VITAE

## PERSONAL DATA

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NAME	dr. Silvia-Laura Pintea, Computer Vision Researcher
EXPERTIZE	Action recognition, regression, motion analysis.
E-MAIL ADDRESS	Silvia[dot]Laura[dot]Pintea[at]gmail[dot]com
GITHUB ACCOUNT	<a href="https://github.com/SilviaLauraPintea">https://github.com/SilviaLauraPintea</a>

## EDUCATION

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PERIOD	2011 – 2016
INSTITUTION	University van Amsterdam   Amsterdam, NL
STUDY	PhD in Computer Vision
LANGUAGES & TOOLS	C/C++, OpenCV, Dlib, Shogun, LibSVM, VIFeat, Yael, Caffe, Cuda-Convnet.
THESIS TITLE	<b>Continuous Learning in Computer Vision.</b> PhD in Computer Vision under the supervision of prof. dr. ir. Arnold Smeulders. Focuses on problems such as: motion prediction, object localization, video representation learning.
PERIOD	2009 – 2011
INSTITUTION	University van Amsterdam   Amsterdam, NL
STUDY	Master studies in Artificial Intelligence
AVERAGE GRADE	8.31 (out of 10)
LANGUAGES & TOOLS	C/C++, Python, Matlab, PHP
FOCUS	Machine Learning, Computer Vision, Neural Networks, Game Theory.
PERIOD	2005 – 2008
INSTITUTION	University of Bucharest, Faculty of Mathematics and Computer Science, Bucharest, RO
MAJOR FIELD	Computer Science
AVERAGE GRADE	9.40 (out of 10)
LANGUAGES & TOOLS	C/C++, Java, PL/SQL, Assembler.

## WORK EXPERIENCE

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EMPLOYER	Delft University of Technology, Delft, NL
PERIOD	JULY 2016 — PRESENT
LANGUAGES & TOOLS	C++, Python, Tensor Flow, Octave/Matlab
JOB DESCRIPTION	<b>Postdoctoral Research Fellow.</b> Working on the “Technology in Motion” project with the Leiden University Medical Center towards diagnosing and treatment of motor diseases. Project link: <a href="https://tim.lumc.nl">https://tim.lumc.nl</a>
EMPLOYER	Layar/Blippar, Amsterdam, NL
PERIOD	JANUARY — JUNE 2016
LANGUAGES & TOOLS	C++, Eigen, Torch
JOB DESCRIPTION	<b>R&amp;D Engineer Computer Vision.</b> Improving the large-scale image retrieval system. Adding state-of-the-art Deep Learning methods for image retrieval, feature matching and binarization algorithms.
EMPLOYER	Wizart Studios   Bucharest, RO ( <a href="http://www.wizartstudios.com">www.wizartstudios.com</a> )
PERIOD	2008 — 2009
LANGUAGES AND TOOLS	PHP, JQuery, CSS, HTML, CakePHP, JavaScript
JOB DESCRIPTION	<b>Junior Web Programmer.</b> Frontend and backend web development.

## STUDENT JOBS

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EMPLOYER	ThirdSight, Amsterdam, NL
PERIOD	APRIL — JULY 2011
LANGUAGES & TOOLS	C++, OpenCV
JOB DESCRIPTION	<b>Internship.</b> Face and smile detection.
EMPLOYER	University of Amsterdam   Amsterdam, NL
PERIOD	AUGUST 2010
LANGUAGES & TOOLS	Python, OpenCV
JOB DESCRIPTION	<b>Volunteer work.</b> Working with Nao robots.
EMPLOYER	Palmer Consulting   Bucharest, RO
PERIOD	JUNE — OCTOBER 2007
DEPARTMENT	Restaurant/Food Service/Catering
JOB DESCRIPTION	<b>Student Summer Job</b>   Incline Village - Reno, US.

## RECENT PUBLICATIONS

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WORKSHOP	CVPR, 2017
PAPER	Y Zhang, SL Pintea, JC van Gemert. "Video Acceleration Magnification."
WORKSHOP	wECCV, 2016
TITLE	SL Pintea, JC van Gemert, "Making a case for learning motion representations with phase."
CONFERENCE	ICIP, 2016
TITLE	SL Pintea, et, al., "Featureless: Bypassing Feature Extraction In Action Categorization."
CONFERENCE	ECCV, 2014
TITLE	SL Pintea, JC van Gemert, AWM Smeulders, "Déjà Vu: Motion Prediction in Static Images."
PROJECT REPOSITORY	<a href="http://github.com/SilviaLauraPintea/DejaVu">http://github.com/SilviaLauraPintea/DejaVu</a>
PHD THESIS	PhD Thesis, 2017
TITLE	Continuous Learning in Computer Vision.
THESIS LINK	<a href="http://dare.uva.nl/search?identifier=90ad88f5-c16e-4450-86f2-23faa250fcab">http://dare.uva.nl/search?identifier=90ad88f5-c16e-4450-86f2-23faa250fcab</a>

## ADDITIONAL INFORMATION

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OTHER	Reviewer for NIPS-2017.
	Programming adviser for Caffe usage for Deep Learning.
MSC SUPERVISION	Yichao Zhang, Yichao Zhang, Xilin Li, Yue Liu, Omar Hommos, Xiaoming Wen, Jian Zheng.
PHD SUPERVISION	Vedran Vukotic, Abolfazi Nadi, Yancong Lin.
HOBBIES	Climbing, bouldering, biking, reading, drawing, cooking sushi.
REFERENCES	Dr. Jan van Gemert (J.C.vanGemert@tudelft.nl)
	Prof. Dr. Ir. Arnold Smeulders (A.W.M.Smeulders@uva.nl)