Curriculum Vitae

Personal Data

Name	dr. Silvia-Laura Pintea, Computer Vision Researcher
Expertize	Motion analysis, regression, future anticipation.
E-mail address	Silvia[dot]Laura[dot]Pintea[at]gmail[dot]com
Github Account	https://github.com/SilviaLauraPintea

Education

Period	2011 – 2016
Institution	University van Amsterdam | Amsterdam, NL
Study	PhD in Computer Vision
Languages & Tools	C/C++, OpenCV, Dlib, Shogun, LibSVM, VlFeat, Yael, Caffe, Cuda-Convnet.
Thesis Title	**Continuous Learning in Computer Vision**. 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

Employer	Delft University of Technology, Delft, NL
Period	Sept 2018 — Present
Languages & Tools	C++, Python, TensorFlow, Caffe
Job Description	**Postdoctoral Research Fellow**. Working on the "Delphi" project aiming at developing geo-imaging technology for the geo-energy industry. Project link: http://www.delphi-consortium.com

Employer	Delft University of Technology, Delft, NL
Period	July 2016 — July 2018
Languages & Tools	C++, Python, TensorFlow, Caffe
Job Description	**Postdoctoral Research Fellow**. Working on the "Technology in Motion" project with the Leiden University Medical Center towards diagnosing and treatment of motor diseases. Project link: https://tim.lumc.nl

Employer	Layar/Blippar, Amsterdam, NL
Period	January — June 2016
Languages & Tools	C++, Eigen, Torch
Job Description	**R&D Engineer Computer Vision**. Improving the large-scale image retrieval system. Adding state-of-the-art Deep Learning methods for image retrieval, feature matching and binarization algorithms.

Recent Publications

Journal	PR-Letters, 2018
Title	SL Pintea, et, al., "Asymmetric kernels in Gaussian Process for learning target variance."
Conference	CVPR, 2017
Paper	Y Zhang, SL Pintea, JC van Gemert. "Video Acceleration Magnification."
Project Repository	https://acceleration-magnification.github.io
Workshop	wECCV, 2016
Title	SL Pintea, JC van Gemert, "Making a case for learning motion representations with phase."
Conference	ECCV, 2014
Title	SL Pintea, JC van Gemert, AWM Smeulders, "Déjà Vu: Motion Prediction in Static Images."
Project Repository	http://github.com/SilviaLauraPintea/DejaVu
PhD Thesis	PhD Thesis, 2017
Title	"Continuous Learning in Computer Vision".
Thesis Link	http://dare.uva.nl/search?identifier=90ad88f5-c16e-4450-86f2-23faa250fcab

Additional Information

Other	Reviewer for NIPS-2017, ICPR-2018, NIPS-2018, Program committee member ECCV-2018 Workshop on "Anticipating Human Behavior". Programming adviser for Caffe usage for Deep Learning, TA for the bachelors Pattern Recognition course, co-lecturer for the bachelors Image Processing course.
MSc supervision	Yichao Zhang, Chengqiu 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[dot]C[dot]vanGemert[at]tudelft[dot]nl) Dr. Marco Loog (M[dot]Loog[at]tudelft[dot]nl)