

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, VIFeat, 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 | JULY 2016 — JULY 2018 |
| LANGUAGES & TOOLS | C++, Python, Tensor Flow, Octave/Matlab |
| 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. |
| EMPLOYER | Wizart Studios Bucharest, RO (www.wizartstudios.com) |
| PERIOD | 2008 — 2009 |
| LANGUAGES AND TOOLS | PHP, JQuery, CSS, HTML, CakePHP, JavaScript |
| JOB DESCRIPTION | Junior Web Programmer. Frontend and backend web development. |

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. 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 | Prof. Dr. Ir. Arnold Smeulders (A[dot]W[dot]M[dot]Smeulders[at]uva[dot]nl) Dr. Jan van Gemert (J[dot]C[dot]vanGemert[at]tudelft[dot]nl) |