Giorgia PITTERI

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Mestre (Venice), Italy | 22 May 1991
ADDRESS:	6-8, Av Blaise Pascal – Cité Descartes 77455 Champs-sur-Marne, France
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WORK EXPERIENCE

OCT. 2019 - NOV. 2020	Visiting PhD Student at ECOLE DES PONTS , Paris *IMAGINE Research Group*
JUL. 2019 - SEPT. 2019	Visiting PhD Student at SIEMENS CORPORATE TECHNOLOGY, Munich *Digital Perception Group* Research on 6D object pose estimation from color images.
NOV. 2017 - JUL. 2019	PhD in Computer Vision and Deep Learning at LABORATOIRE BORDELAIS DE RECHERCHE EN INFORMATIQUE , Bordeaux Research on 3D object detection and tracking in color images using only a reference CAD model.
NOV. 2016-NOV. 2017	R&D Engineer at CYNNY S.p.a., Florence *AI-Machine Learning Research Team* Research and development of high-efficiency Deep Learning applications for mobile devices and web cloud services. Related fields are: Object Classification and Detection, Face and Identity Recognition. Proficient in AI and CV libraries like TensorFlow, and OpenCV. Main languages: C++, Python, Javascript.
MAR. 2016 - OCT. 2016	Control Algorithms Engineer at ELECTROLUX S.p.A, Pordenone *Control algorithms Research Team* Research and development of control algorithms and machine learning techniques for laundries and driers.
OCT. 2015 -FEB. 2016	Research fellow at UNIVERSITY OF PADOVA, Padova *Intelligent Autonomous Systems Laboratory* Research on face recognition systems from consumer RGB-D sensors to be applied to mobile robots.

Education

Nov. 2017 - Nov. 2020	Doctor of Philosophy - PhD in Computer Science **University of Bordeaux**, Bordeaux Topic: Computer Vision, Deep Learning and Artificial Intelligence Advisor: Prof. Vincent LEPETIT
Sept. 2015	Master of Science in Control and Automation Engineering **University of Padova**, Padova 110/110 *summa cum laude* Thesis: "Depth-based frontal view generation for pose invariant face recognition with consumer RGB-D sensors" Advisor: Prof. Emanuele MENEGATTI GPA: 29.5/30
Spring 2015	Exchange Semester at **Technische Universität München**, Munich
July 2013	Bachelor of Science in Information Engineering **University of Padova**, Padova 107/110 Thesis: "Video motion analysis applied to the study of the volleyball strike jump" Advisor: Chiara DALLA MAN GPA: 27.2/30
July 2010	**Scientific High School "G. Bruno"**, Mestre (Venice) Final Grade: 98/100

Teaching

2018	**Artificial Intelligence**, 1st year of Master practical sessions, Université de Bordeaux

Courses

2018	PRAIRE Artificial Intelligence Summer School (P.A.I.S.S) **Topics**: - Deep Learning, Machine Learning, Large-Scale Optimization - Computer Vision, Robotics, Artificial Intelligence
2017	Deep Learning Foundation Nanodegree Program UDACITY PLATFORM **Topics**: - Convolutional Neural Networks, Recurrent Neural Networks, Generative Adversarial Network.

Publications

G. Pitteri, A. Bugeau, S.Ilic, V. Lepetit. **3D Object Detection and Pose Estimation of Unseen Objects in Color Images with Local Surface Embeddings**, *Asian Conference on Computer Vision (ACCV)*, 2020

G. Pitteri, M. Ramamonjisoa, S.Ilic, V. Lepetit. **On Object Symmetries and 6D Pose Estimation from Images**, *International Conference on 3D Vision (3DV)*, 2019

G. Pitteri, S.Ilic, V. Lepetit. **CorNet: Generic 3D Corners for 6D Pose Estimation of New Objects without Retraining**, *The IEEE International Conference on Computer Vision (ICCV) Workshops*, 2019

G. Pitteri, M. Munaro and E. Menegatti. **Depth-based frontal view generation for pose invariant face recognition with consumer RGB-D sensors**, *14th International Conference on*

Intelligent Autonomous Systems (IAS-14), Shanghai, 2016

Computer Skills

Advanced:	Python (Programming languages)
	Tensorflow, PyTorch (Deep learning frameworks)
	MatLab, Simulink, LaTeX (Tools)
	Windows, Linux, Ubuntu (Operating Systems)
	Git (Source control)
Intermediate:	C++
Basic:	Javascript, ROS (Robot Operating Systems)

Languages

Italian:	Mothertongue
English:	Professional working proficiency
French:	Professional working proficiency

Interests and Activities

Deep learning, Computer vision
Sports (ice-skating, running, swimming, skiing), classical dance, transverse flute, travelling