

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s)

Verdoja, Francesco

Address(es)

Via Canonico Candido Balma 17, 10040 Rivalta di Torino (TO), Italy

Telephone(s)

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Email(s)

f.verdoja@gmail.com



Nationality(-ies)

Italian

Date of birth

22/04/1988

Gender

Male

Desired employment/ Occupational field

Research

Work experience

Dates

03/2017 - TODAY

Occupation or position held

Teaching fellow

Main activities and responsibilities

Teacher for the "Information systems and corporate networks management" course of the study degree in "Information and business communication management".

Name and address of employer

Università degli Studi di Torino, School of Management, Via Ventimiglia 115, 10126 Torino, Italy

Type of business or sector

Teaching

Dates

01/2017 - TODAY

Occupation or position held

Postdoctoral research fellow

Main activities and responsibilities

On the "Biometric image segmentation for diagnosis aiding" project of the signal and image processing research group EIDOSLab.

Name and address of employer

Università degli Studi di Torino, Computer Science department, Corso Svizzera 185, 10155 Torino, Italy

Type of business or sector

Research

Dates

09/2016 - 12/2016

Occupation or position held

Teaching fellow

Main activities and responsibilities	Lecturer for the "Information systems" course of the study degree in "Economics and Statistics for Organizations".
Name and address of employer	Università degli Studi di Torino, Economics and Statistics department, Lungo Dora Siena 100A, 10153 Torino, Italy
Type of business or sector	Teaching
Dates	09/2015 - TODAY
Occupation or position held	Teaching assistant
Main activities and responsibilities	Assistant and tutor for the following courses of the study degree in "Computer science": Academic Year 2015/16: – Programming I – Programming II; Academic Year 2016/17 – Programming I – Programming II – Discrete Mathematics and Logic.
Name and address of employer	Università degli Studi di Torino, Computer Science department, Corso Svizzera 185, 10155 Torino, Italy
Type of business or sector	Teaching
Dates	03/2015 - 08/2015
Occupation or position held	Intern
Main activities and responsibilities	Inside the NII he has researched segmentation of 3D point-clouds inside the computer vision and discrete geometry group.
Name and address of employer	National Institute of Informatics (NII), 2-1-2 Hitotsubashi, Chiyoda-ku, 101-8430 Tokyo, Japan
Type of business or sector	Research
Dates	02/2013 - 10/2013
Occupation or position held	Intern
Main activities and responsibilities	Inside the IRCC in Candiolo he he conducted research for his master's degree thesis with the nuclear medicine research group. Research he has contributed to is intended to find informatical techniques that could be able to automatically segment tumoral regions in Dynamic PET images.
Name and address of employer	Institute for Cancer Research and Treatment, Strada Provinciale 142 km 3.95, 10060 Candiolo (TO), Italy
Type of business or sector	Research
Dates	06/2012 - 10/2013
Occupation or position held	City Councilman
Main activities and responsibilities	Responsibilities: Youth, Work policies, Communication, Openness, Community involvment, Volunteering, Sport, Public Information Office, Data Center, Suburbs
Name and address of employer	Municipality of Rivalta di Torino, Via Canonico Candido Balma 5, 10040 Rivalta di Torino (TO), Italy
Type of business or sector	Administrative, public administration
Dates	05/2011 - 05/2012
Occupation or position held	IT advisor and web developer
Main activities and responsibilities	As freelance, he has developed, and still maintains, the web based informatic system for child adoption dossier administration used by all TO3 local health authorities
Name and address of employer	Consorzio Intercomunale Socio Assistenziale di Rivoli, Rosta e Villarbasse, Via Nuova Collegiata 5, 10098 Rivoli (TO), Italy
Type of business or sector	Information systems, web applications, data processing and acquisition

Education and training

Dates	2014 - 2016 (waiting for the final dissertation)
Title of qualification awarded	PhD in Computer Science
Principal subjects/Occupational skills covered	Image processing, computer vision, biomedical imaging, image and video compression
Name and type of organization providing education and training	Università degli Studi di Torino – Computer Science department
Level in national or international classification	PhD
Dates	2010 - 2013
Title of qualification awarded	MS in Computer Science
Principal subjects/Occupational skills covered	Systems for information processing, artificial intelligence, computer vision
Name and type of organization providing education and training	Università degli Studi di Torino – Faculty of Mathematics, Physics and Natural Sciences
Level in national or international classification	2nd cycle degree – Master
Final grades	110/110
Dates	2007 - 2010
Title of qualification awarded	Bachelor in Computer Science
Name and type of organization providing education and training	Università degli Studi di Torino – Faculty of Mathematics, Physics and Natural Sciences
Level in national or international classification	1st level degree – Degree/Bachelor
Final grades	110/110 cum laude

Personal skills and competences

Mother tongue(s)

Other language(s)

*Self-assessment
European level^(*)*

English

Diploma(s) or certificate(s)

Italian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C2 Proficient user

^(*) Common European Framework of Reference (CEF) level

Preliminary English Test (PET)

Institution: Cambridge University

CEFR level: B1 English

Date of issue: June 2006

Linguistic experience(s)

International Internship Program

Dates: 03/2015 - 08/2015 (5 months)

Location: Tokyo, Japan

Institution: National Institute of Informatics (NII)

Language of work: English

Erasmus Exchange Program

Dates: 09/2008 - 02/2009 (6 months)

Location: Istanbul, Turkey

Institution: Sabancı Üniversitesi

Language of classes: English

Computer skills and competences

Operating systems: Excellent

Programming languages: Excellent

Word processing: Excellent

Electronic spreadsheet: Excellent

Data base administrators: Excellent

CAD skills: Limited

Internet skills: Excellent

Data transmission networks: Good

Web-site creation: Excellent

Multimedia: Excellent

Programming languages known: Java, C, C++, Matlab, Clips, PHP, HTML, Javascript, SQL, Bash

Additional informations

Publications

Francesco Verdoja, Diego Thomas, and Akihiro Sugimoto.

Fast 3d point cloud segmentation using supervoxels with geometry and color for 3d scene understanding.

In *IEEE International Conference on Multimedia and Expo (ICME 2017)*, Hong Kong, 2017. IEEE. to be published

Francesco Verdoja and Marco Grangetto.

Directional graph weight prediction for image compression.

In *IEEE International Conference on Audio, Speech and Signal Processing (ICASSP 2017)*, New Orleans, LA, March 2017. IEEE. to be published

Francesco Verdoja and Marco Grangetto.

Efficient representation of segmentation contours using chain codes.

In *IEEE International Conference on Audio, Speech and Signal Processing (ICASSP 2017)*, New Orleans, LA, March 2017. IEEE. to be published

Francesco Verdoja, Barbara Bonafè, Davide Cavagnino, Marco Grangetto, Christian Bracco, Teresio Varetto, Manuela Racca, and Michele Stasi.

Global and local anomaly detectors for tumor segmentation in dynamic PET acquisitions.

In *IEEE International Conference on Image Processing 2016 (ICIP 2016)*, Phoenix, AZ, September 2016. IEEE

Christian Bracco, Francesco Verdoja, Marco Grangetto, Amalia Di Dia, Manuela Racca, Teresio Varetto, and Michele Stasi.

Automatic GTV contouring applying anomaly detection algorithm on dynamic FDG PET images.

Physica Medica, 32(1):99, February 2016

Giulia Fracastoro, Francesco Verdoja, Marco Grangetto, and Enrico Magli.

Superpixel-driven Graph Transform for Image Compression.

In *IEEE International Conference on Image Processing 2015 (ICIP 2015)*, Quebec City, Canada, September 2015. IEEE

Prizes and acknowledgements

Francesco Verdoja and Marco Grangetto.
Fast Superpixel-based Hierarchical Approach to Image Segmentation.
In *International Conference on Image Analysis and Processing 2015 (ICIAP 2015)*, Genoa, Italy, September 2015

Francesco Verdoja, Marco Grangetto, Christian Bracco, Teresio Varetto, Manuela Racca, and Michele Stasi.

Automatic method for tumor segmentation from 3-points dynamic PET acquisitions.
In *IEEE International Conference on Image Processing 2014 (ICIP 2014)*, Paris, France, October 2014.
IEEE

Best 10% Paper

IEEE International Conference on Image Processing 2015 (ICIP 2015), September 2015

Best Student Award

International Computer Vision Summer School 2014 (ICVSS 2014), July 2014

Sisvel Technology PhD Grant

Università degli Studi di Torino, Computer Science department, January 2014

I hereby authorize the processing of the personal data contained in this CV in compliance with the Italian Personal Data Protection Code (Legislative Decree no. 196 of 30 June 2003).

All details are current and correct to the best of my knowledge and belief.

Rivalta di Torino, February 27, 2017

Francesco Verdoja

