Dichiarazione ai fini del D.lgs. 33/2013 art. 15

Titolare di incarico specifico di ricerca ex art. 19 lettera F del D.lgs 163/2006

Io sottoscritto in proprio Campanella Paolo

Dichiaro che:

1. Sono stato incaricato da Fondazione CIMA in data 20/06/2015

2. L'incarico sopra ricordato prevede una durata dal 20/06/2015 al 31/12/2015

3. Il mio curriculum è sinteticamente riportato in calce al documento

4. Il compenso per l'incarico anno 2015 è previsto in euro 60.000 più oneri di legge se dovuti

5. Non ricopro incarichi o cariche in altri Enti di diritto privato regolati o finanziati dalla Pubblica Amministrazione. Svolgo/Non svolgo attività professionale.
I compensi di Fondazione CIMA non prevedono componenti variabili

6. Non ho riportato condanne penali, né -per quanto a mia conoscenza – ho carichi giudiziari pendenti

7. Autorizzo il trattamento dei miei dati personali ai sensi del d.lgs. 196 del 30.06.2003

Data, 07/09/2015

Firma

FadeOut Software S.r.l.
Ing. Paolo Campanella
Amministratore

PERSONAL INFORMATION

Paolo Campanella

Via Sottoripa 1A/118 16122 Genova Italia

+39 0102510187 +39 349 3506892

p.campanella@fadeout.it

www.fadeout.it

Skype: p.campanella77

Sex Male | Date of birth 05/01/1977| Nationality Italy

ACTUAL POSITION

FadeOut Software srl – Administrator, Project Leader

WORK EXPERIENCE

October 2009 – Present

Dewetra Platform

CIMA Foundation

- Since 2009 I've worked in synergy with CIMA Foundation staff as Project Manager of the Dewetra Platform. DEWETRA is an integrated system for real-time monitoring and natural risks prevision and prevention. A system provides the necessary synthesis, integration and comparison for tool monitoring, risk scenarios vigilance and evaluation and possible evolutions. The project was designed thanks to an agreement between the Civil Protection Department and CIMA Foundation - International Centre for Environmental Monitoring and operates at the Civil Protection Department. DEWETRA uses a hybrid architecture which combines an integrated server for the back-up of data collected locally and web applications that allow a capillary distribution of the information. The software provides, through a graphic interface, high-resolution information continuously updated, allowing the user to track weather events, build detailed risk scenarios and evaluate phenomena potential impact on communities and infrastructures

Early Warning Systems

May 2014 – Present

Rasor

CIMA Foundation

- The Rapid Analysis and Spatialisation and Of Risk (RASOR) project will develop a platform to perform multi-hazard risk analysis to support the full cycle of disaster management, including targeted support to critical infrastructure monitoring and climate change impact assessment. RASOR adapts the newly developed 12m resolution TanDEM-X Digital Elevation Model (DEM) to risk management applications, using it as a base layer to interrogate data sets and develop specific disaster scenarios. RASOR overlays archived and near-real time very-high resolution optical and radar satellite data, combined with in-situ data for both global and local applications. Initially, RASOR will be available over five case study areas. Ultimately, the RASOR Consortium will offer global services to support in-depth risk assessment and full-cycle risk management. I'm working to the project as ICT team leader.

Multi Hazard Risk Analysis

2007 – 2010

Opera

CosOT

- Project Analysis, Software Design and Resources Scheduling for the project OPERA developed by COS-OT for the Italian Space Agency (ASI). OPERA (OPerational Eo-based RAinfall-runoff forecast) "Civil defense from floods" is a Pilot Project realized in the ASI – Italian Space Agency framework program for the development of applications for the management of natural and human induced hazards.The End User is the Office for the Hydrogeologic and Anthropic Risks – Central Functional Centre Service – of the Civil Protection Department

Satellite Data manipulation tool

2014 – 2015

Risc-KIT

Consorzio Ferrara Ricerche

- RISC-KIT (2013-2017) is an EU FP7 Collaborative project. RISC-KIT will develop methods, tools and management approaches to reduce risk and increase resilience to low-frequency, high-impact hydro-meteorological events in the coastal zone. These products will enhance forecasting, prediction and early warning capabilities, improve the assessment of long-term coastal risk and optimise the mix of prevention, mitigation and preparedness measures. FadeOut software is developing the required Web GIS Platform.

Environmental Analysis

2012 – 2013

AdriaRadNet

CIMA Foundation

- ADRIARadNet objective is to set up an integrated web-based scalable-flexible-interoperable ICT infrastructure, based on a network of low-cost weather radars and satellite data to be integrated with web-oriented geographic information systems, regionally-tuned numerical prediction models and decision-support systems for civil prevention and protection within the Central and Southern Adriatic regions. I've worked in first stage of the project for the System Analysis and Software Design.

Early Warning System

December 2013 – Present

Omirl On Line

ARPAL Regione Liguria

- FadeOut Software is developing the new version of the Omirl On Line Web platform, a web visualizer of the real time data collected by ARPAL Regione Liguria. The system can also handle data elaborations and Meteo Models and supports standard and mobile platforms.

Environmental monitoring tool

2013 – Now

MVision Widgets

TEREX Corporation

- Terex Corporation is a diversified global manufacturer operating in four business segments: Aerial Work Platforms, Construction, Cranes, and Materials. FadeOut software is working with Motronica, a research unit of the Terex corporation specialized in state-of-the-art electronic components and software solutions based on automotive electronics standards and CANbus network protocols, serving customers in the lifting, drilling, foundation, agricultural, earth-moving, aerial work platform, electrical vehicle and pleasure boat industries. I'm working with Terex team to improve MVision, a SCADA that's target embedded linux platforms for cranes control.

Automation Tools

October 2006 – Now

Supply Chain Toolkit

Global Healthcare Company

- Since 2006 I've worked in synergy with supply chain European team of a global healthcare company, supporting them in the development of custom scheduling system and inventory optimization tools.
  We built different solutions using .NET platform and Java

Inventory Optimization Tools

2012 – 2014

National Focal System

Agenzia Spaziale Italiana

- National Focal System, project based on both Industrial Research and Experimental Development aimed to realize an integrated system in OGC standard dedicated to the optimization of the chains EO-Data, EO-Products, End Users during activities of risk management and response to Civil Protection emergencies.
  The project was developed in partnership with Acrotec S.r.l.

Satellite Data manipulation tool

EDUCATION AND TRAINING

1996 – 2002

ICT and Automation Engineering Master Degree

Università degli studi di Genova

- Artificial Intelligence
- Data Elaboration
- Robotics
- Software Engineering
- Software Design
- Software Development
- Embedded Software
- Project Management
- Testing
- Team Management
- UML
- .NET
- Java Enterprise Edition
- Web Development
- Web GIS

PERSONAL SKILLS

Mother tongue(s): Italiano

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B1
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills
- good communication skills gained through my experience as software analyst

Organisational / managerial skills
- leadership (currently responsible for a team of 4 people in Fadeout and 15 in CIMA Foundation)

Job-related skills
- in-depth knowledge of the international software design modelling languages (UML)
- in-depth knowledge of time estimation and task scheduling in big software project due to the experience in projects like Dewetra, NFS and Opera
- in-depth knowledge of the principles of satellite remote sensing and remote sensing data processing tools and software, including SAR processing

Computer skills
- Software Analysis and design techniques (UML);
- Traditional and Agile Methods;
- ICT Resource Planning;
- in-depth knowledge of relevant scripting and programming language for batch processing of remote sensing data acquired in OPERA Project
- in-depth knowledge of relevant international OGC standards like WxS
- in depth knowledge of Open Source GIS tools GeoServer, GeoNode, GeoNetwork
- Java, C#, C/C++, Javascript, HTML5.0, Ajax and Web 2.0 techniques, Python;

Other skills
- Fishing

Driving licence
- B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

ANNEXES

- Dewetra Cooping with Emergencies, ISCRAM 2011, Lisbon Portugal
- EGU2015-12440: Early Warning System for reducing disaster risk: the technological platform DEWETRA for the Republic of Serbia
- EGU2015-13246: Multi-national and multi-agency distributed ICT system for Disaster Risk Management