

PERSONAL INFORMATION

Raffaele Bua

📍 00044 Frascati (Italy)

✉ info@raffaelebua.eu

🌐 <http://raffaelebua.eu>

💬 Skype raffaelebua

Sex Male | Date of birth 4 Jan 1985 | Nationality Italian

POSITION

Software Engineer

WORK EXPERIENCE

9 Dec 2014–Present

Software Engineer

Serco S.p.a.

Via Sciadonna 24, 00044 Frascati (Italy)

<https://www.serco.eu/index.php/our-services/markets/space>

■ Responsibilities

- **Project Manager, Software architect, Lead programmer, Requirements definition, Technical documentation writing for European Space Agency (ESA) projects**

■ Skills

- Project Management in Agile Environment, Software Design, Javascript, Python, Java, Spring, RESTful, Remote Sensing, GIS, Angular, Polymer 1.0, Data dissemination, OWL, Github, Jira, Linux, Docker

■ Projects

- ESA Data Hub System - <https://goo.gl/CkirRV>, portal: <https://goo.gl/M2sxM7>, code: <https://goo.gl/JqZWsb>
- European Commission data dissemination statistics dashboard
- ESA Web Components SPA Client - source code <https://goo.gl/odHryZ> documentation: <https://goo.gl/rU2NmH>, portal: <https://goo.gl/ptkebt>

Business or sector Space

6 Feb 2013–9 Dec 2014

Freelancer Software Engineer

Raffaele Bua, Cagliari / Fonni / Vienna

<http://raffaelebua.eu>

■ Responsibilities

- Software Architect and Developer, Database Designer

■ Skills

- RESTful, PHP5, C, Python 2.7, RabbitMQ, Mysql, Angular, Node.js, DB and UX Design, Objective-C, Java, Linux, Git

■ Projects

- eMailChef: <http://emailchef.com/>
- Turbo smtp Dashboard: <http://goo.gl/ST1UMC>
- Book Explorer: <http://goo.gl/FjlIRE>

Business or sector Software Development

5 Nov 2012–5 Feb 2013

Software Developer

Di-SiDE, Cagliari (Italy)

<http://di-side.com/>

■ Responsibilities

- Full-stack developer in Agile Team

■ Skills

- Agile Software Development, PHP5, Symfony 2, Linux, Git

Business or sector Software Development

2 Jan 2012–19 Oct 2012

Framework Software developer

modomodo s.r.l., Milan (Italy)

<http://www.modomodo.com/>

■ Responsibilities

- Development of a framework for Mobile Apps

■ Skills

- Agile Software Development, .net framework 3.5, C#, javascript, git

Business or sector Software Development

1 Mar 2011–30 Nov 2011

Software Developer

Black Sheep Lab s.r.l., Venice (Italy)

■ Skills

- Objective-C, C/C++, Java, Tomcat, Mysql

■ Projects

- Backend of a newspaper mobile app
- Rating and review system and tide prediction of a navigation iOS app: <http://goo.gl/d7Qel2>

Business or sector Software Development

EDUCATION AND TRAINING

10 Sep 2017–Present

Student: Master Degree, Curriculum Artificial Intelligence

University of Pisa, Pisa (Italy)

<https://www.di.unipi.it/it/didattica/wif-lm/curricula-cs/ai>

Oct 2004–Jul 2010

Bachelor's degree in Computer Science Engineering

University of Pisa, Pisa (Italy)

Final mark: 109/110

Thesis: **Parallel Computing**

30 May 2016–31 May 2016

English Technical Writing

Serco S.P.A., Frascati (Italy)

The training course goal was to provide to student the main tools to improve the technical writing skills, in English language (e.g. emails, reports, technical documents)

15 Nov 2016–16 Nov 2016

GIS skills and the QGIS Desktop tool

Serco S.P.A., Frascati (Italy)

Learning about GIS and gaining competences for everyday use of GIS using QGIS.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Very good communication skills; English: Professional working proficiency

Job-related skills

- Software Design, Project Management, Object Oriented Programming, Design Patterns, TDD, Agile Software Development, GIS
- Python, Javascript, Java, C/C++, C#, .net framework 3.5, SQL, HTML5, OWL
- Angular, Polymer, Django, Spring, Maven, RabbitMQ, GDAL, MySQL, Postgres, RESTful
- Git, Github, Jira, Redmine, Linux, Docker

ADDITIONAL INFORMATION

Personal Skills Looking for something of new to learn, every day. I love Open Source movement and clean code.

Interests Music Theory, Violin, Yoga, Artificial Intelligence, Video games.

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.