europass

Curriculum vitae

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/FJjlRE

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, Synfony 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** | Final mark: 109/110 |

University of Pisa, Pisa (Italy)

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 comunication 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, 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.