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 for European Space Agency**

- 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
  - DHuS Sentinel-2 satellite products ingestion, code: https://goo.gl/P4Tqt9

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	**Coder**

Handcrafted Software s.r.l. / Black Sheep Lab s.r.l., Pisa / 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

20 Nov 2010–1 Mar 2011	**Radio presenter**

Radiocicletta, Pisa (Italy)
http://www.radiocicletta.it/

- Responsibilities
  - □ Radio presenter

Business or sector Arts, entertainment and recreation

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**

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	
B2	B2	B2	B2	B2

English

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.