

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

Lead programmer

Serco S.p.a.

Via Sciadonna 24, 00044 Frascati (Italy)

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

■ Responsibilities

- **Dissemination System Software Engineer for European Space Agency**
- **Lead programmer, GUI client (SPA) Architect and developer**

■ Skills

- Javascript, JS memory management and optimisation, ECMAScript6, Open Layers 3, Angular, Web Components, Polymer 1.0, Grunt, Gulp, HTML5, CSS3, Bootstrap 3, Bower, Npm, Web Component Tester, Python, Java, Spring, RESTful, ODATA, XML, OWL, Maven, Github, UX Design, GIS, Remote Sensing, Data Visualization, Jira, Linux, Docker

■ Projects

- ESA Data Hub System GUI (AngularJS) - online: <https://goo.gl/M2sxM7>, code: <https://goo.gl/xWE0EQ>
- DHuS Sentinel-2 satellite products ingestion, code: <https://goo.gl/P4Tqt9>
- Web components GUI R/D project Polymer 1.0

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Business or sector Space

6 Feb 2013–9 Dec 2014

Freelancer Coder

Raffaele Bua, Cagliari / Fonni / Vienna

<http://raffaelebua.eu>

■ Skills

- GUI (SPA) Architect and Developer, Angular, Ember, JQuery, HTML5, UX Design, RESTful, PHP, Mysql, Node.js, DB 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

30 Oct 2014–Present

Volunteer Software Engineer

Sardegna Clima - No Profit Organization, Fonni (Italy)

■ Responsibilities

- **Software Engineer**
- **Thesis Tutor**

■ Skills

- PHP5, MySQL, Javascript, Google Maps, Angular, HTML5, CSS3, Bower, Npm, Testing, Git, Github, UX design, GIS, Linux, Android

■ Projects

- Sardegna Clima Android Application: <https://goo.gl/SAKgQu>
- Sardegna Clima Backend Platform: <https://goo.gl/3zHcNV>

Business or sector Meteorology

5 Nov 2012–5 Feb 2013

Full-stack web developer

Di-SiDE, Cagliari (Italy)

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

■ Responsibilities

- Agile fullstack web developer (Symfony 2)

■ Skills

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

Business or sector Software Development

2 Jan 2012–19 Oct 2012

Frontend Software developer

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

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

■ Responsibilities

- GUI framework for Mobile Apps development

■ Skills

- Agile Software Development, .net, 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

- Web services for newspaper mobile app - <http://goo.gl/BPNohZ>
- 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

- Volunteer Radio presenter

Business or sector Arts, entertainment and recreation

EDUCATION AND TRAINING

Oct 2004–Jul 2010

Bachelor's degree in Computer Science Engineering

Final mark: 109/110

University of Pisa, Pisa (Italy)

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
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

Design patterns, RESTful, OOP, Multithreading, C/C++, Javascript, ECMAScript 6, Angular, Web Components, Polymer 1.0, HTML5, CSS3, Bootstrap 3, jQuery, Npm, Bower, Mocha, Open Layers 3, Python, XML, Ontology Web Language, Java, Spring, Maven, TestNG, MYSQL, UX Design, Solr, GIS, Data Visualization, Testing, Algorithms, Linux, Docker, Git, Github, Agile Software Development

ADDITIONAL INFORMATION

Personal Skills

Lateral thinking. Zen approach to problem solving. Can do attitude.

Interests

Yoga, Violin, drawing, Computer science theory, Video Games.