




## PERSONAL INFORMATION

## Gianluca Costa



 Bologna (Italy)  
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## PREFERRED JOB

Senior software developer / Data scientist / Researcher

## WORK EXPERIENCE

03/2019–Present

## Software Engineer

YOOX NET-A-PORTER GROUP

Software developer and tester in the world of elegance and modern technology.

## Main technologies:

- C# and .NET framework
- NUnit, SpecFlow
- Amazon Web Services (AWS)
- Docker
- Windows, Linux

05/2018–11/2018

## Senior full-stack developer

Dedalus S.p.A, Bologna (Italy)

Full-stack developer in the health-care domain.

- **Java Backend Development:** Java, Java EE, EJB, REST web services
- **Frontend Development:** AngularJS, Lodash, npm, yarn, CSS 3
- **Infrastructure:** Docker, Jenkins CI, Git, Ant, Ivy, SSH, VPN, Linux

06/2013–06/2014

## Senior developer

Gruppo Euris, Bologna (Italy)

**Main technologies:** C#, Castle Windsor, MongoDB, Solr, Microsoft SQL Server, NUnit, TeamCity.

In the context of YOOX, I mainly worked on the model layer of a few .NET-based software stacks - in particular, web APIs and services exposing business logic to other teams.

Passionate about Agile, I also devoted time to holding **brown-bag seminars** and **code katas**.

10/2012–02/2013

## Java and web architect/developer

Sitech Sistemi Informatici Srl, Bologna (Italy)

**Main technologies:** Java, J2EE, JSP, EJB, MyBatis, J2EE web services, NetBeans, Eclipse, Maven, Hudson.

I also introduced new build methodologies within my company, especially **Maven 3** and **Hudson 3**, in order to dramatically increase the robustness of the overall infrastructure and to ease component modularization.

03/2012–10/2012

## Java and web architect/developer

Sitech Sistemi Informatici Srl, Bologna (Italy)

In the context of the client - CSE. **Main technologies:** Java, JSP, JavaScript.

#### 01/2012–03/2012 Java and web architect/developer

Sitech Sistemi Informatici Srl, Bologna (Italy)

**Main technologies employed:** JSP, JavaScript, CSS.

I contributed to the development and refactoring of some Java web applications, mainly using JSP.

#### 12/2009–01/2012 .NET and web architect/developer

Sitech Sistemi Informatici Srl, Bologna (Italy)

**Main technologies employed:** C# (3, 4), ASP.NET MVC 2, WCF web services, Silverlight 4, SQL Server, Oracle 10g.

##### Activities:

- ASP.NET MVC 2, SQL and Silverlight 4 development
- mentoring new colleagues in C# and OOP

#### 02/2004–11/2004 Scrutinium - a data mining application in Delphi

**Main technologies:** Delphi 4, Borland Database Engine, SQL

As the headmistress of my high school needed a tool to easily monitor the school progress of the students, I created Scrutinium, a data mining application for Windows, which performed a detailed analysis over the school's database.

## EDUCATION AND TRAINING

#### 2014–2016 Master's Degree - Computer Engineering

EQF level 7

Università di Bologna, Bologna (Italy)

**Award dedicated to the 30 most brilliant Engineering students in Bologna - 2016.**

**Master's Degree software project:** <https://gianlucacosta.info/TwoBinPack>  
110/110 with honors.

#### 2005–2009 Bachelor's Degree - Computer Engineering

EQF level 6

Università di Bologna, Bologna (Italy)

**Bachelor's Degree software project (now in Scala):** <https://gianlucacosta.info/Graphs.J>  
110/110 with honors.

## PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Cambridge CAE, Cambridge BEC Higher				
French	C1	C1	C1	C1	C1
	DALF C1				
German	B1	B1	B1	B1	B1
	Goethe Zertifikat B1				

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

- Experience in studying languages and **linguistics**
- Online courses dedicated to **soft skills**

#### Organisational / managerial skills

Experience in **mentoring junior colleagues** and **brown-bag sessions**.

#### Job-related skills

I started my journey in Information Technology in 1998, far before going to University and working - and I never stop learning **new technologies** and ideas.

For further details, please visit the technological area of my website:

<https://gianlucacosta.info/#technology>

#### Other skills

- **Passionate learner:** please, visit <https://gianlucacosta.info/courses> for an interactive chart of my completed online courses over the years
- *Amateur pianist*, ukulele player and glockenspiel player. My performances are available on [my YouTube channel](#)
- *Amateur poet*, especially in XIX-century Italian

### ADDITIONAL INFORMATION

#### Honours and awards

- 2016: prize dedicated to the **30 most brilliant Engineering students** at Università di Bologna
- 2014: **Interview - PMD Code Analyzer for NetBeans IDE** (<https://dzone.com/articles/nb-easypmd4-1>)
- 2003: **Prize in national Latin competition "Giovanni Giorgio Maroni"** held by Rubiconia Accademia dei Filopatri

#### Presentations

My presentations - for example, related to brown-bag sessions at work - are freely available on Speaker Deck: <https://speakerdeck.com/giancosta86>

#### Publications

- **Training software for orthogonal packing problems** (2017) - <https://www.sciencedirect.com/science/article/pii/S0360835217302887>
- **Interview: PMD Code Analyzer for NetBeans IDE** (2014) - <https://netbeans.dzone.com/articles/nb-easypmd4-1>
- **GraphsJ 3: A modern didactic application for graph algorithms** (2014) - <https://thescipub.com/abstract/10.3844/jcssp.2014.1115.1119>
- **A free educational Java framework for graph algorithms** (2009) - <https://thescipub.com/abstract/10.3844/jcssp.2010.87.91>

#### Projects

**GitHub portfolio:** <https://github.com/giancosta86>

**Android apps on Google Play:** <https://play.google.com/store/apps/developer?id=Gianluca%20Costa>