

Curriculum Vitae

1990, PhD Student in CS&Eng

Research and Teaching

2016 →

Research, community, teaching

- Papers** 14 papers in conferences and journals; h-index 6 (SCOPUS)
- Service** eCAS'19 Workshop Chair, eCAS'17 PC member
- Edu** Teaching in BBS open-program IoT; MEng tutoring; IFTS'17-18

Education

2016/11 →

Università di Bologna

PhD Programme in Computer Science and Engineering

Themes Collective Adaptive Systems; Internet of Things

2013/09 → 2016/03

Università di Bologna

Master's Degree in Computer Science and Engineering

Grade Summa Cum Laude (Grade Average: 30/30, 6 laudes)

Thesis *Aggregate Programming in Scala: a Core Library and Actor-based Platform for Distributed Computational Fields*

2009/09 → 2013/03

Università di Bologna

Bachelor's Degree in Electronics, Informatics, and Telecommunications Engineering

Grade Summa Cum Laude (Grade Average: 29.29/30, 5 laudes)

Thesis *Reuse Mechanisms and Concurrency: from Actors to Agent-oriented Programming*

Awards

2017

Faenza (Italy)

Best master graduate student (G.Bassi 2017 prize)

Winner of prize *Gianni Bassi*, with 5000€ scholarship, issued by Rotary Club Faenza for *Best Master Graduate Student* across all Engineering faculties of Romagna (district 2072) based on Grade Average.

Open-source/academic projects

2016 → now

SCAFI (Lead developer)

Scala with Computational Fields (SCAFI): a toolkit for Aggregate Computing in Scala comprising a DSL, simulator, & distributed platform.

2017

ALCHEMIST (Contributor)

Alchemist is a meta-simulator tailored to pervasive computing.

Skills and expertise

Note: this section is only indicative; current level of mastery can vary; by no means exhaustive.

Legend:	<u>Used/Studied</u>	<u>Solid</u>	<u>Mastery</u>
Paradigms	<u>Imperative</u> <u>OOP</u>	<u>Functional</u> <u>Reactive</u>	<u>Async</u> <u>Logic</u>
PLs	<u>Scala</u> <u>C#</u>	<u>Java/Kotlin</u> <u>C/C++</u>	<u>Rust</u> <u>Python</u>
Arch	<u>Patterns</u>	<u>(μ)Services</u>	<u>Cloud-native</u>
Devops	<u>Docker, K8s</u>	<u>Gradle</u>	<u>Travis</u>
Data	<u>SQL</u>	<u>NoSQL</u>	<u>ML</u>
Cloud	<u>Google Cloud</u>	<u>AWS</u>	<u>Heroku</u>
Web	<u>HTML5</u>	<u>CSS3</u>	<u>JavaScript</u>
Toolkits	<u>Akka</u> <u>Spring</u>	<u>Rails</u> <u>ASP.NET MVC</u>	<u>Vert.x</u> <u>RabbitMQ</u>

Work Experience

2015/09 → 2015/12

Apex-Net (WEDO), Cesena (Italy)

Software Engineer

Web application development in ASP.NET MVC and JavaScript within a Scrum/Kanban process framework.

2014/03 → 2014/09

Apex-Net (WEDO), Cesena (Italy)

Software Engineer

Development of a Windows 8.1 application in C#/XAML and development of the related WCF back-end service for SharePoint integration.

I hereby authorize the use of my personal data in accordance to the GDPR (General Data Protection Regulation) 679/16 – "European regulation on the protection of personal data".

Signature _____

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