

Curriculum Vitae

Riccardo Rizzo

PERSONAL DATA

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https://www.riccardorizzo.eu

SUMMARY OF SKILLS

- Experience in designing and developing mobile applications
- Experience in developing application on iOS
- Skilled in using XCode for application development
- Extensive knowledge of Swift, REST and JSON (+6 years)
- Expert in solving technical issues affecting iOS applications
- Extensive use of Git as version control in my projects
- AWS Cloud - Good knowledge of AWS Cloud (S3, Elastic Beans, RDS, etc.)
- Experience with C# for Desktop (+10 years)
- Ruby on Rails, basic to middle use of the framework. (+2 years)
- Proficient in the IT Department and Enterprise Infrastructure

WORK EXPERIENCE

From March 2014 – Today **Freelancer and Writer** <https://www.riccardorizzo.eu/>

▪ **iOS Developer (Swift, Objective-C, Ruby on Rails, C#, AWS)**

As a Freelance Developer I have developed many applications for iOS and Windows and at the moment I am developing two web applications with Ruby on Rails. I have written 2 books that are available on Amazon and in other stores. The first one speak about Artificial Intelligence and the second one speak about Computer Security with special mentions for Mobile Security and security algorithms. Also I have written articles about the Swift Development in various websites. Many of my own sources can be found on my Github account.

From Dec. 2008 – Today **2858 Security S.r.l.** <http://www.2858.it/>

▪ **iOS Developer (Objective-C & Swift), IT and System Administrator**

I've developed a lot of software for iOS devices and Windows (C#). I was involved with and worked on the IT infrastructure, moving the virtual machines in Hyper-V and AWS. Now I manage a team of 4 engineers to a project in conjunction with the University of Catania to distinguish emotional language from an audio stream from a Smartwatch.

From October 2015 – Dec 2016 **Roostit** <http://www.roostit.com/>

▪ **iOS Developer (Objective-C)**

With Roostit I have managed the “Roostit Home Manager” iOS app. I had continuous maintenance with upgrades and add-ons. I have made strong testing to find and fix problems, especially for the backend interface.

From June 2007 To Dec 2008 **HT S.r.l.** Catania(CT)

▪ **Robotics, Software Developer, Electronics Design, Project Management**

I was a founding member. I was in charge of the development of the user interface with FLEX 3 framework and C# for backend. We have develop a crawler robot with Wi-Fi and GPRS connections for remote monitoring.

From Sept. 2001 To June 2007

Tecnowork

Catania (CT)

▪ **Software Developer, Electronics Engineering, PCB Design**

Software Developer in C/C++, Firmware Developer and Electronic Design in CAD. This was my first job and I was the first employee. At the end of this experience I had the managing of a team of 9 person with various project that ranging from devices for personal use to devices for the Italian army.

PUBLICATIONS

- 2017 - **Computer Security**. Book about IT and Computer Security. Available on Amazon at <http://amzn.eu/6pllORe>
- 2017 - **Artificial Intelligence**. Book about artificial intelligence in the Italian language. Available on Amazon at <http://amzn.eu/6x94FMf>
- 2017 - **Swift and Realm** on Medium.com. <http://bit.ly/2v2ocXp>
- 2016 - **Swift Extension** on DevBattle blog. <http://bit.ly/2pQBGVL>
- 2016 - **Swift Protocols** on DevBattle blog. <http://bit.ly/2p6Ecbg>

EDUCATION

- 2015 - Bachelor's Degree in Computer Science at "Politecnico degli studi Aziendali" in Lugano.
- 2001 - High School Diploma in Information Technology.

CERTIFICATIONS:

- **Machine Learning** by Stanford University on Coursera. coursera.org/verify/DFCTFK2EDZ2W
- **Algorithms: Design and Analysis** by Stanford University on Coursera. coursera.org/verify/SM8MR6EWGG7V
- **AWS Certified Solutions Architect - Associate 2018** on Udemy Certificate n. UC-4KTQYOSV
- Certified in **Microsoft Technology Associate (MTA)**. MCID: 10089904.
- **Excellence in Digital**- Google and IAB Europe.
- Certificate of completion for the course "**Cisco Systems Engineer**".
- Certificate of Completion in "**The Professional Ruby on Rails Developers**" Certificate n. UC-QB8RU2M3.
- Certificate of Completion in "**How to make an iPhone App**" on July 2015. Certificate n. UC-XJ8PGDRL.
- Certificate of Completion in "**Cyber Security**" on December 2015. Certificate n. UC-88GIJFMV.
- **AutoCAD 2012 2D+3D** certification by Autodesk Intl.