

Gioele Cicchini

SOFTWARE ENGINEER · SOFTWARE ARCHITECT

Via 1799 Repubblica Vastese 4 , Vasto(CH), Italy

☎ (+39) 3284533133 | ✉ gioele.cicchini@gmail.com | 📱 GioeleCicchini | 📧 cigio2008

“Software is a great combination between artistry and engineering.”

Education

University of L'Aquila

L'Aquila Italy

BACHELOR'S DEGREE IN COMPUTER INFORMATION

Sep 2013 - Mar 2016

- Good knowledge of math disciplines
- Training activities in the field of information engineering such as circuit theory, electronic systems, signal analysis and signal processing, theory of Systems and automated control, computer architectures and Object Oriented Programming

University of L'Aquila

L'Aquila Italy

MASTER'S DEGREE IN COMPUTER ENGINEERING AND AUTOMATION

Mar 2016 - Present

- Software Engineering, Software Architecture, Software Quality Engineering, Engineering of algorithms, Interactive systems, Geographical databases, Embedded System, Combinatorics and Cryptography

Skills

Programming	Java , Python, C/C++, C#, VHDL, Javascript, PLpgSQL, SQL, HTML, UML, CSS, LaTeX, AEmilia(Architectural)
Framework	GWT(Google Web Toolkit), Hibernate, Unity3d, Bootstrap, Wordpress, Prestashop, Entitas(C#)
Development IDE	JetBrains Package, Eclipse, NetBeans ,Android Studio, Sublime Text,Etc
DMBS	MySQL, Postgres with PostGis plugin
Networking	Managing and Maintaining the Servers, PC's, Routers and Switches. Configuring, Managing and Maintaining Networking Equipments Cisco CCNA Routing and Switching certification Part 1 Installing, configuring and administering network technologies
Embedded System	Micro-controller programming: Arduino, ARM. FPGA programming: VHDL with experience of Xilinx software. Knowledge of basic embedded monitoring principals and usage of most common monitoring systems.
Methodology	Excellent Knowledge in Software Engineering and Design(GOF Pattern), Agile methodology, RUP, SCRUM. User-centered design (UCD). Advanced use of UML with profiling. Queueing theory applied to software performance. In-depth knowledge of the main architectural patterns: MVC, MVP, ER, ECS, Client-server, Layered.
Other	Principles of responsive web design, Principles of space SW Engineering
Operating System	Windows, Linux, MacOSX
Languages	Italian, English

Project experience

Pub application containing menus and event management, Available on play store

L'Aquila

MONTHY'S IRISH PUB

dec - jan 2017

- UI design and notification management

Algorithm for risk assessment of landslides applied to Abruzzi railway stations

L'Aquila

UNIVERSITY OF L'AQUILA PROJECT

may - july 2017

- Designing Algorithm an implementing through the use of GIS technologies

Position control of a quadricopter

L'Aquila

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may - july 2017

- Designing a simulation in Unity3d of a controller
- Implementing the controller on the drone, through image recognition(OpenCV)

Botanic Garden Control System

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L'Aquila
march - july 2017

- Designing software architecture of a botanical garden through UML and UML-Profile
- Performance analysis through queuing network theory
- Implementation of the designed architecture, with Aemilia

SCUnA : SmartCard @ UnivAq

UNIVERSITY OF L'AQUILA PROJECT

L'Aquila
january - march 2017

- Designing software architecture to use a card with NFC
- Implementation Android App to read card with NFC technology
- Architecture implementation, in Java

Chatting Application with RSA encryption

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L'Aquila
july 2016

- Implementation of the RSA algorithm applied to a chat (Java)

Making a video-game in Java (TankWar)

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L'Aquila
january - july 2016

- Responsible for the client-server interface of the game
- Responsible for server architecture

Designing a UI for the elderly (EasyFB)

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L'Aquila
november - february 2016

- User centered Design
- Social network for elders

E-commerce Website

INDEPENDENT JOB

L'Aquila
march - july 2016

- Implemented a Small E-commerce website

Making a Web Application with GWT (Thesis)

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L'Aquila
november - march 2016

- Design and implementation of an E-commerce through the use of the GWT framework

Implementation, without framework, of a web application (PostIt)

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L'Aquila
may - july 2015

- Responsible for the client side application

Honors & Awards

ITALIAN COMPETITION

2017 **First place**, GSSI Hackathon OpenData Ricostruzione

Italy, L'Aquila GSSI

Extracurricular Activity

Tutoring activities

UNIVERSITY OF L'AQUILA

L'Aquila
march, 2017 - PRESENT

- Acquired abilities to explain mathematical concepts

Organizational and management skills

Problem Solving, Flexible adaptation to new situations, High speed in learning new technologies, Adoption of iterative development techniques, Team working, Great desire to grow professionally.