

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

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|-------------------------|--|
| 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. 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

University of L'Aquila Project

L'Aquila

ALGORITHM FOR RISK ASSESSMENT OF LANDSLIDES APPLIED TO ABRUZZI RAILWAY STATION AND LINES

may - july 2017

- Designing Algorithm an implementing through the use of GIS technologies

University of L'Aquila Project

L'Aquila

POSITION CONTROL OF A QUADRICOPTER

may - july 2017

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

University of L'Aquila Project

L'Aquila

BOTANICAL GARDEN CONTROL SYSTEM

march - july 2017

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

University of L'Aquila Project

SCUNA : SMARTCARD @ UNIVAQ

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

University of L'Aquila Project

CHATTING APPLICATION WITH RSA ENCRYPTION

L'Aquila

july 2016

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

University of L'Aquila Project

MAKING A VIDEO-GAME IN JAVA (TANKWAR)

L'Aquila

january - july 2016

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

Independent Job

E-COMMERCE WEBSITE

L'Aquila

march - july 2016

- Implemented a Small E-commerce website

University of L'Aquila Project

MAKING A WEB APPLICATION WITH GWT (THESIS)

L'Aquila

november - march 2016

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

University of L'Aquila Project

IMPLEMENTATION, WITHOUT FRAMEWORK, OF A WEB APPLICATION (POSTIT)

L'Aquila

may - july 2015

- Responsible for the client side application

Extracurricular Activity

University of L'Aquila

L'Aquila

TUTORING ACTIVITIES

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.