

Gioele Cicchini

SOFTWARE ENGINEER · SOFTWARE ARCHITECT

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“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), 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.
Operating System	Windows, Linux, MacOSx
Languages	Italian, English

Experience

University of L'Aquila Project

L'Aquila

MAKING A VIDEO-GAME IN JAVA

march - july 2016

- Responsible for the client-server interface of the game

Independent Job

L'Aquila

E-COMMERCE WEBSITE

march - july 2016

- Implemented a Small E-commerce website

Extracurricular Activity

B10S (B1t On the Security, Underground hacker team)

S.Korea

CORE MEMBER

Nov. 2011 - PRESENT

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

WiseGuys (Hacking & Security research group)

S.Korea

MEMBER

Jun. 2012 - PRESENT

- Gained expertise in hardware hacking areas from penetration testing on several devices including wireless router, smartphone, CCTV and set-top box.
- Trained wannabe hacker about hacking technique from basic to advanced and ethics for white hackers by hosting annual Hacking Camp.

PoApper (Developers' Network of POSTECH)

Pohang, S.Korea

CORE MEMBER & PRESIDENT AT 2013

Jun. 2010 - PRESENT

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)

Pohang, S.Korea

MEMBER

Sep. 2010 - Oct. 2011

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.

MSSA (Management Strategy Club of POSTECH)

Pohang, S.Korea

MEMBER

Sep. 2013 - PRESENT

- Gained knowledge about several business field like Management, Strategy, Financial and marketing from group study.
- Gained expertise in business strategy areas and insight for various industry from weekly industry analysis session.

Honors & Awards

INTERNATIONAL

2014	Finalist , DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	Finalist , DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	Finalist , DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A
2012	6th Place , SECUINSIDE Hacking Competition World Final	Seoul, S.Korea

DOMESTIC

2015	3rd Place , WITHCON Hacking Competition Final	Seoul, S.Korea
2013	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	2nd Award , HUST Hacking Festival	S.Korea
2010	3rd Award , HUST Hacking Festival	S.Korea
2012	3rd Award , Holyshield 3rd Hacking Festival	S.Korea
2011	2nd Award , Holyshield 3rd Hacking Festival	S.Korea
2011	5th Place , PADOCON Hacking Competition Final	Seoul, S.Korea

Presentation

6th CodeEngn (Reverse Engineering Conference)

Seoul, S.Korea

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Jul. 2012

- Introduced CTF (Capture the Flag) hacking competition and advanced techniques and strategy for CTF

6th Hacking Camp - S.Korea

S.Korea

PRESENTER FOR <METASPLOIT 101>

Sep. 2012

- Introduced basic procedure for penetration testing and how to use Metasploit

Writing

A Guide for Developers in Start-up

FOUNDER & WRITER

Facebook Page

Jan. 2015 - PRESENT

- Drafted daily news for developers in Korea about IT technologies, issues about start-up.

AhnLab

UNDERGRADUATE STUDENT REPORTER

S.Korea

Oct. 2012 - Jul. 2013

- Drafted reports about IT trends and Security issues on AhnLab Company magazine.

Program Committees

2013 **Organizer & Co-director**, 1st POSTECH Hackathon

S.Korea

2012 **Staff**, 7th Hacking Camp

S.Korea

2012 **Problem Writer**, 1st Hoseo University Teenager Hacking Competition

S.Korea

2012 **Staff & Problem Writer**, JFF(Just for Fun) Hacking Competition

S.Korea