Samuel Finocchio

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Introducing myself

Samuel Finocchio, online "known" as InformaticageNJP.
I am a computer scientist and software developer.
My practical experiences have been largely outdone by my studies, mainly because of my young age.
I have always been passionate about IT and so I decided to dedicate my life to it.
After getting my diploma I now am attending university studying computer science.
Everything started with the passion of computer science security and malware development in particular.
I started with the programming language C and with the help of school but mostly by myself I used many of the most common and current programming languages.
Recently, I have dedicated myself to web development and relational databases working with HTML5, CSS3, JavaScript, AngularJS, PHP and Mysql.
Having acquired most of my knowledge online inspired me to reciprocate by opening a Youtube channel: https://www.youtube.com/c/informaticageNJP
where I share with all the material I consider useful to people like me who want to deepen their skills by themself.

Sharing for me is the watchword, because as you know:
"Software is like sex it's better when it's free" - Linus Torvalds

SUMMARY

Computer scientist with 5 years of school studies, but already started with independent studies prior years.

Knowledge of networking, security, software design and hardware.

Experienced in educational robotics and teaching.

Full stack software developer.

EDUCATION

Diploma in computer science.

Achieved in 2016

Grade: 94/100

Attending a computer science degree at the university of L'Aquila (univaq).

KET e PET certified.

EXPERIENCE

Mobile Automation System: Software designed to manage civil protection vehicles, travel sheets and emergencies.
Integrating also a GPS tracking system.
Multiple websites for minor companies.
Open source projects available on github.
Ex-Robot*: Blaster robot created for the police of Abruzzo.
Robot for RoboCup
Robocup JR Network - Created software for the management of the competition and the internal network.
Training of secondary and high school school teachers in robot programming with Java language.
Mentoring others students of IT and related subjects.
Creation of online content
IT training and programming.
Wrote a computer science book: C_oding++
Development of websites and web applications.
Malware development e malware analysis.
PC repair and assemble.
Basic networking.
Software design.
Database and API design.
Development in small teams.
IT consultancy.
Development for windows and linux.

SKILLS

- Software engineering
- Object Oriented Programming
- Database engineering
- Standard SQL, MySql and NoSql
- Framework .net
- C#.net, Visual Basic.net
- Other programming languages
- C, C++, Python, Java
- Web development
- HTML5, CSS3, JavaScript, PHP
- AngularJS, Bootstrap, Materialize
- Design Patterns
- MVC, REST, CRUD, JSON
- REST API Design
- NodeJS and Express
- MongoDB with mongoose
- Token based authentication

Accomplishments

*First prize at the national Olympics of robotics with Ex-Robot.

Participated at Day of Excellence - Miur

Held a talk at the hacker camp [MOCA](Metro Olografix CAmp) in 2016 about malware development.

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