



## Francesco Stucci

Born on August 5th, 1996  
Genoa – Italy

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🔗 <https://github.com/francestu96>

## Education

### Software Security Master

2019 - 2021

Università di Genova  
Genoa – Italy  
110/110 with honors

### Computer Science Bachelor

2015 - 2018

Università di Genova  
Genoa – Italy  
110/110 with honors

### Technical School Diploma

2010 - 2015

Italo Calvino High School  
Genoa – Italy  
66/100

## Current situation

Sep. 2021 **Leonardo S.P.A.**, Genoa

### Software Security Architect

I use to study and implement security mechanisms for **critical infrastructures**.

Currently, I'm working on the data protection systems of a customer. In particular, I've been involved in the **analysis of its security requirements and in the solutions integration**. These includes centralized **anti-malware systems, two factor authentication, HSM** as well as make all the **network traffic encrypted**.

## Experience

Sep. 2018 – Sep. 2021. **Horsa Devlab**, Genoa

### Full-Stack Web Developer

Assigned to develop management applications both **Front-end** and **Back-end**.

The software I was working on deals with the management of orders, stocks, products, tests and specifications of a pharmaceutical industry. The application uses **Angular** for client-side interface management and **.NET Core** for server-side API management using the ASP.NET MVC pattern. The system relies on a **SQL Server** database.

From this experience I've learned how World Wide Web really works in depth and I've improved a lot my programming skills.

## Programming

C#	● ● ● ●
TypeScript	● ● ● ●
JavaScript	● ● ● ●
Python	● ● ● ●
Bash/Shell	● ● ● ●
PHP	● ● ● ●
SQL	● ● ● ●
C/C++	● ● ● ●
Java	● ● ● ●
Solidity	● ● ● ●
MQL4 (MetTrader4)	● ● ● ●

## Technical Knowledge

Unix-like env	● ● ● ●
.NET	● ● ● ●
Angular	● ● ● ●
Azure/AWS	● ● ● ●
Entity Framework	● ● ● ●
MySQL, SQL-Server	● ● ● ●
MongoDB	● ● ● ●
Android development	● ● ● ●
TCP/IP standard	● ● ● ●
Network protocols	● ● ● ●
Docker	● ● ● ●
Virtual environments	● ● ● ●
SmartContracts	● ● ● ●

## Languages

Italian     ● ● ● ●  
English    ● ● ● ●  
German    ● ● ● ●

## Scientific interests

- Blockchain
- Smart Contract development
- Automated Trading Strategies
- Capture The Flag competitions

## Further information

Mar. 2021

Scholarship winner of **Leonardo-UniGe Cybersecurity Scholarship Program 2020/2021**

(award video: [Leonardo-UniGe Cybersecurity Scholarship](#) )

Jul. 2018

First Certificate in English which certifies CERF **B2 level**

Oct. 2016

Abroad study experience of **six months** through the **Erasmus** program (Germany)