



# Raffaele Apetino

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## SUMMARY

I graduated in Computer Science from the University of Pisa. I have a sincere attitude at discovering and solving problems in real life that stand out while programming. I love object-oriented and event-driven programming paradigms. I developed skills with embedded prototyping boards such as Raspberry Pi and Arduino. About my hobbies, I frequently change them because I never get bored while learning new stuff. At the moment my main interests are FPV Drones and CTFs (CyberSec).

## SKILLS

- Software Development
- Open Source
- Java and C programming
- JS, OCaml, F#
- B2 English level
- Team working
- Excellent at cooking carbonara

## PING ME

Website: [raffaelenachos.github.io](https://raffaelenachos.github.io)  
GitHub: [RaffaeleNachos](https://github.com/RaffaeleNachos)  
LinkedIn: [raffaele-apetino](https://www.linkedin.com/in/raffaele-apetino)

## EXPERIENCE

### SOFTWARE DEV.

Nextworks S.r.l. | (Internship) 2020

I have developed a Real-Time audio/video intercom system designed for smart homes. Applications for smartphones and web browsers have been developed (relying on webRTC technology) in order to communicate with a VoIP/SIP device.

### BLOGGER

heroblog.it | 2013 - 2019

My job as a Technical writer consisted of writing articles about smart devices and action cams. I have learned how to set up and monitor highly visited WordPress based websites. I have acquired knowledge about Search Engine Optimization for web pages.

## PERSONAL PROJECTS

### HUETUNE

Huetune is an Android application written in Java that advises music based on photos. It works by processing pictures with an Object Classification Algorithm (TensorFlow) and outputting a Spotify song related to the picture content.

Great care about Android AsyncTasks, local application Database, GPS tracking and REST API calls was given during the development of this App.

### TIMATO

"Pomodoro timer technique" application for macOS written in Swift. In particular, it is a Status Bar Application that helps increasing productivity by monitoring your work and rest time. The development of Timato was perfect for knowing how Apple applications are implemented through the Xcode editor.

## EDUCATION

### UNIVERSITY OF PISA

Computer Science | 2016 - 2020

I have made a solid understanding of information technology and its use in solving problems with in-depth scientific and methodological preparation.

- Math Analysis and Computer Logic
- Accurate studying of Algorithms, Networks, Databases and Operating Systems
- Laboratories in low-level operating systems in C, network communications in Java and graphic interfaces in Java, F# (Windows Forms) and JavaScript
- Elective courses attended in Cryptography, Cloud Computing and Mobile Applications (Android)
- Introductions to Artificial Intelligence and Computer Architectures.