Fabio **Codiglioni**

FULL STACK DEVELOPER

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Experience

Healthy Reply   *Milano, Italia*
MOBILE AND WEB DEVELOPER   *Sep. 2020 - Present*
- Worked on *Ticuro*, a telehealth application that allows healthcare providers to offer their services remotely.
- Dealt with both the Java backend and the Angular frontend of *Ticuro*.
- Built the iOS native application of *Ticuro* from scratch using SwiftUI. The application allows the collection of medical measures from smart devices connected via Bluetooth and to perform remote examinations (*televisits*).

Education

Politecnico di Milano   *Milano, Italia*
MS IN COMPUTER SCIENCE AND ENGINEERING   *Sep. 2018 – Present*
Current average: 28.5 / 30 · Expected graduation date: April 2021 · Expected final grade: 110 / 110

Politecnico di Milano   *Milano, Italia*
BS IN COMPUTER SCIENCE AND ENGINEERING   *Sep. 2015 – Sep. 2018*
Final mark: 100 / 110

Projects

SmartTourist   *Swift*
DESIGN AND IMPLEMENTATION OF MOBILE APPLICATIONS   *Alenichel/CodiglioniNichelini-SmartTourist*
Design and implementation of an iOS application for tourists. This project has been developed in collaboration with *Bending Spoons*.

Temperature WSN   *TinyOS*
MIDDLEWARE TECHNOLOGIES FOR DISTRIBUTED SYSTEMS   *fabiocody/mtds-project-tinyos*
Implementation and simulation of a multi-hop Wireless Sensor Network.

Retiming Synchronous Circuitry   *Python*
ADVANCED ALGORITHMS AND PARALLEL PROGRAMMING   *fabiocody/retiming*
Implementation of a class of algorithms for synchronous circuits optimization.

BarbequeueRTRM   *C++*
ADVANCED OPERATING SYSTEMS   *fabiocody/AOS_Project*
Implementation of the IPC layer of a runtime resource manager using Google Protocol Buffer.

Sagrada   *Java*
SOFTWARE ENGINEERING   *fabiocody/ProgettoIngSwFLK*
Design and implementation of the software version of a board game.

Skills

Programming	C/C++ · Python · Java · Swift · Flutter · Angular
Operating Systems	macOS · Linux
Languages	Italian (native speaker) · English (C1)

Extracurricular Activity

2020 – Present	Development of a website to show COVID-19 data in Italy (covid-fc.herokuapp.com)
2020	NVIDIA Deep Learning Institute Certificate on *Fundamentals of accelerated computing with CUDA C/C++*.
2017 – Present	Design and implementation of a mobile application for money tracking using Flutter.
2015 – Present	Peer tutoring.